

EDUCATION



GOVERNMENT

OF THE

PROVINCE OF ALBERTA

INDUSTRIAL DEVELOPMENT BOARD

Economic Survey

City of Edmonton

DEPARTMENT OF ECONOMIC AFFAIRS

HON. A. J. HOOKE
MINISTER

RALPH R. MOORE
DEPUTY MINISTER

ALBERTA SURVEY- EDMONTON

HC

118

E24

A33

EDUC

HC

118

E24A33

Ex LIBRIS
UNIVERSITATIS
ALBERTAENSIS



Alberta. Industrial development board.

ECONOMIC SURVEY

CITY OF EDMONTON

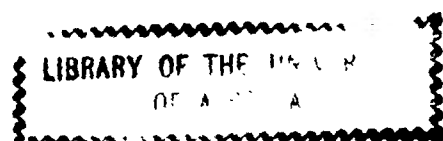
by

INDUSTRIAL DEVELOPMENT BOARD

DEPARTMENT OF ECONOMIC AFFAIRS

This survey was compiled
with the assistance of City
Officials, Secretary of the
Chamber of Commerce and information
obtained from Government
records and publications.

AUGUST 1950



INDEX

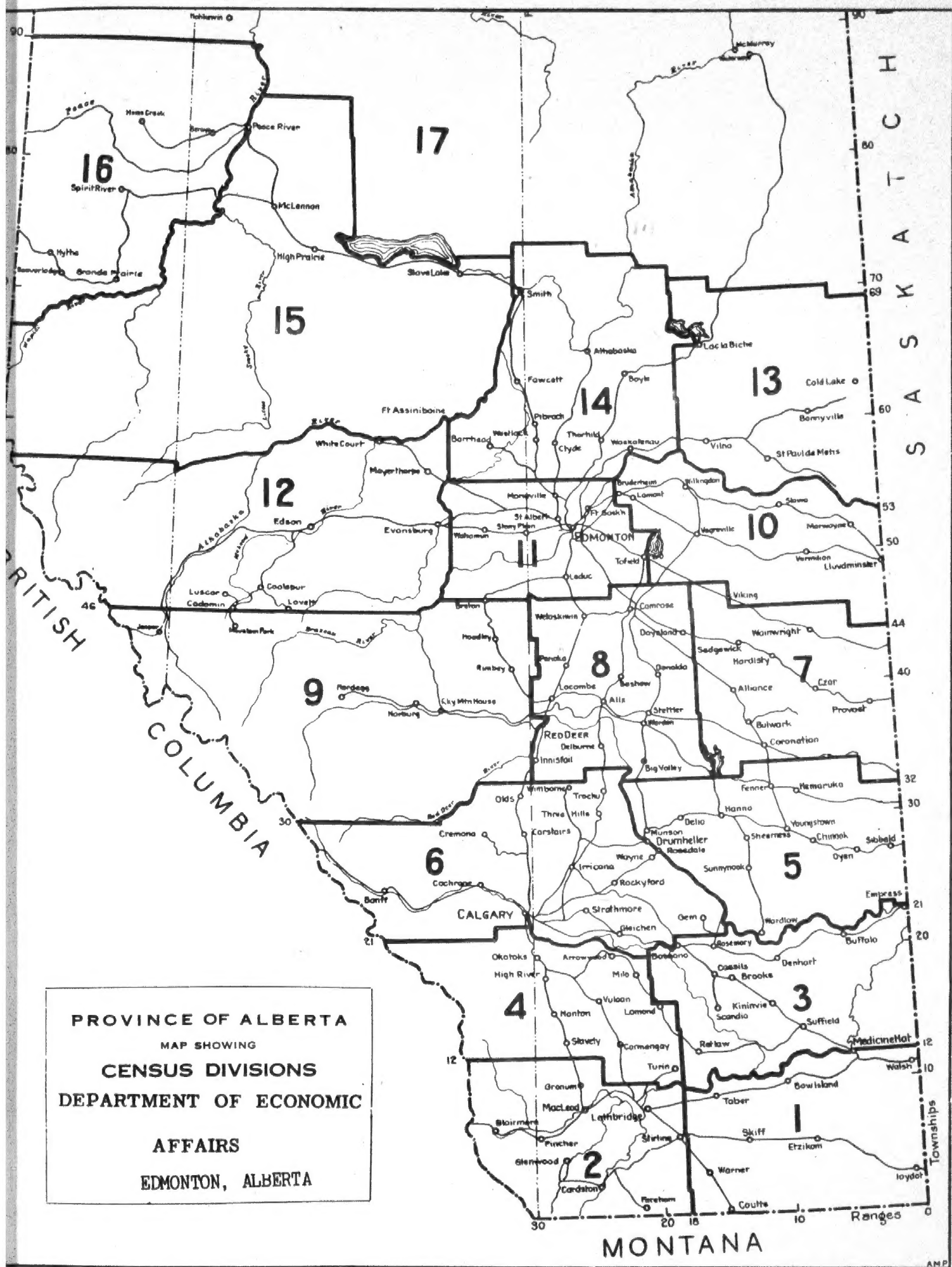
Edm

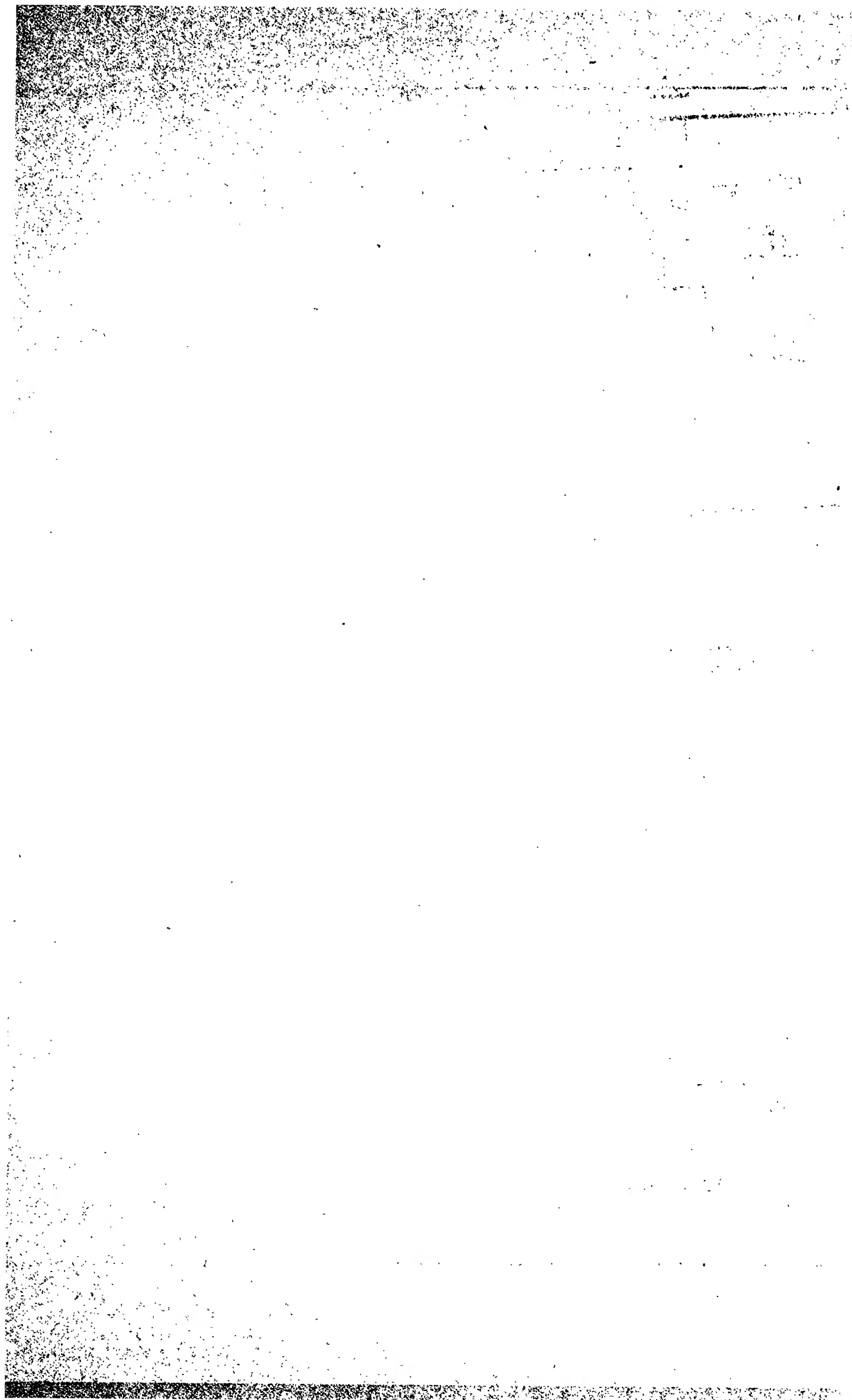
11

11

110529

<u>Page</u>	<u>CITY OF EDMONTON 1950 SURVEY</u>
8	Administration
1	Altitude
90	Appendix - includes surveys of Jasper Place and Beverly.
13	Areas
56	Associations
98	Beverly Survey Index
10	Building Regulations
43	Churches
45	Clubs and Social Services
41	Communications
57	Community Leagues
75	Co-operatives
69	Cultural Activities
89	Directory
75	Fairs
42	Financial Facilities
11	Fire Protection
19	Fuels
1	Geology
21	Government Offices and Services
32	Health Services
75	Historic Sites
2	History
42	Hotels
83	Industrial Development
76	Industries and Businesses
91	Jasper Place Survey - Index
8	Law Enforcement
6	Living Conditions
1	Location
43	Lodges
105	Map of Edmonton
0	Map Showing Census Divisions
41	Newspapers
13	Parks and Cemeteries
88	Population
14	Power
37	Professional and Skilled Personal Services
1	Rainfall
20	Resources - local
83	Resources - trading area
13	Roads
58	Schools and Colleges
14	Sewer and Water Mains
83	Sites
55	Societies
1	Soil
74	Sports
12	Tax Structure
1	Temperature
68	Theatres and Halls
43	Tourist Camps
88	Trading Area
38	Transportation
44	Unions
89	Views of Edmonton and District
15	Water
73	Youth Activities





CITY OF EDMONTON

AUGUST 1950

(1) LOCATION

Section 5-53-24-W4 in Census Division No. 11. This location is 60 miles south of the geographical centre of the Province on the North Saskatchewan River; it is a divisional point on the transcontinental line of the Canadian National Railways; it is also the northern terminus in Alberta of the Canadian Pacific Railways; and the southern terminus and headquarters of the Northern Alberta Railways.

It is on Highway No. 2 that leads south through Calgary to the United States boarder, and north to Alaska. It is also on Highway No. 16 that leads west to Jasper and east to Lloydminster.

It is the terminal of Highway No. 14 that leads south-east to Wainwright; No. 15 that leads north-east through Fort Saskatchewan and No. 28 that leads north-east to St. Paul via Radway and Vilna.

(2)	<u>ALTITUDE</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
	2,205 feet	53/35	115/30

(3) TEMPERATURE

Mean temperature May to September inclusive	55.8°F
Mean temperature October to April inclusive	22.8°F
Mean temperature for year	36.3°F

Note: These averages cover a period of 68 years.

(4) RAINFALL

Average annual rainfall	13.18 inches.
Average annual snowfall	50.1 inches.
Average annual total precipitation	18.19 inches.

Note: These averages cover a period of 68 years.

(5) GEOLOGY

The rocks underlying the glacial deposits in the Edmonton area are sandstones and sandy shales that were deposited in the large freshwater lakes which covered the region in an age termed Upper Cretaceous by the geological time scale. These sediments, which are named the Edmonton formation, are coal bearing. They are the source of coal in such centres as Edmonton and Drumheller. Added interest in these beds arises from the fact they contain fossil remains of the dinosaur.

(6) SOIL

Profile

The normal soil profile has a black to very dark brown surface which averages about 12 to 14 inches in depth. Immediately beneath this black soil is a more compact horizon which is brown to dark brown, and the lime layer is usually found at 30 to 40 inches below the surface.

Fertility

Soils in this zone are the most fertile in the Province. They have in the top 12 inches three to four times as much nitrogen and organic matter as there is in the average brown or gray wooded soil.

The first part of the report deals with the general situation in the country. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The second part of the report deals with the economic situation. It is a very interesting and informative study of the country's economic development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's economic development.

The third part of the report deals with the social situation. It is a very interesting and informative study of the country's social development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's social development.

The fourth part of the report deals with the political situation. It is a very interesting and informative study of the country's political development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's political development.

The fifth part of the report deals with the cultural situation. It is a very interesting and informative study of the country's cultural development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's cultural development.

The sixth part of the report deals with the environmental situation. It is a very interesting and informative study of the country's environmental development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's environmental development.

The seventh part of the report deals with the international situation. It is a very interesting and informative study of the country's international development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's international development.

The eighth part of the report deals with the future of the country. It is a very interesting and informative study of the country's future development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's future development.

The ninth part of the report deals with the conclusion. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The tenth part of the report deals with the appendix. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The eleventh part of the report deals with the bibliography. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The twelfth part of the report deals with the index. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The thirteenth part of the report deals with the conclusion. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

Vegetation

Grassland which has been partially invaded by woodlands (mainly deciduous trees) often referred to as parklands.

Land Use

A high percentage of the land is arable, being used for mixed farming, and the production of cereals and vegetables.

(7) HISTORY HIGHLIGHTS

Edmonton's history goes back to 1795, when the Hudson's Bay Company and the North West Company were competing for trade in the northwestern portion of Canada. These two trading companies erected forts or trading posts within a gunshot of each other for mutual protection against the Indians, even though they were bitter trade rivals. Near the present town of Fort Saskatchewan the North West Company built Fort Augustus in 1794, and the Hudson's Bay Company built Fort Edmonton in 1795. The name "Edmonton" was taken from a suburb of London, England, and adopted by the Hudson's Bay Company as the name of their fort. These two forts were abandoned after being destroyed by Indians in 1807, and re-established within the present city limits on the north bank of the river. They were again abandoned in 1810 and re-occupied in 1819. In 1821 the rival trading companies amalgamated under the name of the Hudson's Bay Company and named the combined posts Fort Edmonton. In 1825 there were two large parks surrounding Fort Edmonton that were used for raising grain, and the soil being good, it produced large crops of barley and potatoes, but the spring and fall frosts proved injurious to wheat. The abundance of whitefish in the surrounding lakes assured a basic food supply, while the proximity of buffalo on the adjacent plains to the south, gave further promise of a plentiful supply of food.

In 1869 the rights of the Hudson's Bay Company to "Rupert's Land" were transferred to the Dominion of Canada, and by the agreement of transfer the Hudson's Bay Company retained one thousand acres of land around each of their principal posts, including Edmonton. The Hudson's Bay Company's reserve at Edmonton was surveyed in 1870; the area was about a mile from east to west, with the post located on the river bank about midway between the boundaries. This survey gave a definite starting point at which private rights might begin.

When the question of property rights had been settled, first by the transfer to Canada, and then the Hudson's Bay Company's survey of their property, the Reverend George McDougall, a native of Ontario, who had ministered to settlements at Sault Ste. Marie and Norway House, and who was now in charge of the Methodist mission at Victoria (now Paken), 80 miles down the river, decided that the time had arrived for the establishment of a mission at Edmonton, which until then had no Protestant missionary. In 1870 he staked two claims for the Methodist Missionary Society, the first adjoining the east line of the Hudson's Bay reserve and the second next adjoining it to the east. These claims overlooked the valley, about 200 ft. above the river, and were most attractively situated. A series of nine claims were staked along the river bank easterly from the Hudson's Bay line, and were taken by the Methodist Church, the Methodist Mission, David McDougall, Colin Fraser, John Sinclair, Donald McLeod, James Rowland, William Rowland and Kenneth Macdonald. On the west side of the reserve Malcolm Groat staked his claim. As there was no one between him and the Rocky Mountains he staked a mile square. These claims along with the Hudson's Bay Company's reserve occupy



the area that in 1892 became incorporated as the town of Edmonton. The present city takes in a much larger area, but it may fairly be claimed that the staking of the aforementioned claims was in effect the founding of the City of Edmonton.

Well built houses of hewn logs with shingled roofs were erected on each claim and land was brought under cultivation, which gave an air of civilized occupation in striking contrast to that of most other early western settlements. All lumber was cut and shingles were made by hand. The first Church was built of logs in 1871 with volunteer labor.

When this settlement was established in 1871, St. Paul, Minnesota, USA, 450 miles south west of Winnipeg, was the supply base for Rupert's Land, and railroad extension north westward from St. Paul had only begun. The mail packet from Winnipeg, 900 miles south east of Edmonton, arrived twice during each winter by Hudson's Bay Company dog team. In summer there was no regular mail delivery, letters were carried by the kindness of travelling friends. There was no telegraph. Portage la Prairie, 60 miles west of Winnipeg, was the nearest established settlement east of Edmonton on the regular travel route. Under such conditions the settlement of Edmonton had prestige and importance as a centre and rallying point in the westward march of civilization which was of great value in the earlier years and which has been maintained ever since under all changes of circumstances. It is fair to believe that, when the Reverend George McDougall staked the mission claims, he visioned in some degree the future greatness that would follow the efforts then being made. The present city may fairly be accepted as a monument to his enterprise, his judgment and his timely activity. Edmonton did not just happen. Things happen because someone makes them happen. Edmonton grew between 1795 and the present date because from time to time there were people who made it grow. Among those people who made Edmonton grow were the Honorable Frank Oliver and John A. McDougall, both of whom arrived in 1876. They were the first citizens to buy lots for business purposes. Mr. Oliver, in co-operation with the late Alex Taylor, founded the "Edmonton Bulletin" which soon became one of the most influential newspapers in the West. Mr. McDougall was possessed of remarkable business acumen, and soon became one of Edmonton's leading merchants.

Undoubtedly there is no man to whom Edmonton owes more than to the late Hon. Frank Oliver. As owner and publisher of the "Edmonton Bulletin", as a member of the North West Territorial Council, and as a member of the Dominion Parliament and minister of the Crown, Mr. Oliver served his country and community faithfully and well.

Of the factors instrumental in changing that portion of the North West Territories, now comprising the Province of Alberta and Saskatchewan, from a vast wilderness to an organized group of settled communities, the construction of railways undoubtedly takes first place. Second only in importance was the building of a telegraph line by the Dominion Government from Winnipeg to Edmonton, a distance, by the route taken, of approximately one thousand miles. This telegraph line was constructed in 1876 from Winnipeg to Battleford, and then west from Battleford to a point near Hay Lakes. The line west of Battleford was not used until 1877. At that time Edmonton was a small village, but in 1878 its citizens petitioned the Government to extend the line from its terminus at Hay Lakes to the village, offering to defray the cost of extension if the Department would establish an office. Mr. Fuller, the contractor, offered to supply the wire free of charge. The offer was accepted, and under the supervision of Mr. McKernan, the extension was made with the Hudson's Bay

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

100-443887-100

Company contributing the poles and most of the labour. The line was completed in 1879, and upon completion the tariff was fixed on the basis of \$3 for ten words, Edmonton to Winnipeg; \$2 Battleford to Winnipeg; and \$1 Edmonton to Battleford. The press rate was half a cent per word, and the wire was used freely by both the Battleford "Herald" and the Edmonton "Bulletin".

When the Reverend D. G. McQueen arrived at Edmonton in 1887, the population numbered about one hundred and fifty. The stage between Calgary and Edmonton ran only once a week; it would leave Calgary on Tuesday and, barring accidents, would reach Edmonton on the following Friday.

Besides attending to his duties as a minister of the gospel, Dr. McQueen was for several years inspector of schools in the Edmonton district. The first school in Edmonton had been opened in 1881, but it was not until 1885 that the Edmonton Public School District No. 7 was legally constituted by an Act of the Legislative Council of the North West Territories, so that it is now the oldest school district in the Province.

The organization of Edmonton's first school in 1881 was purely voluntary, the first trustees being Matthew McCauley, William Rowland, and Malcom Groat. Mr. McCauley was chairman during the first three years, as well as for the five years following legal organization. The Hudson's Bay Company donated, as a school site, four lots where McKay Avenue School now stands. The money for building was raised by voluntary public subscription. The salary of the first teacher was also paid by voluntary subscription. He was a Mr. Jack Harris, an American, who had come to Edmonton from the southern states. Mr. Richard Secord, later a member of the pioneer firm of McDougall and Secord, was the first teacher under the new organization. William Carson succeeded Mr. Secord in 1886, and James Martin taught from 1887 to 1890.

In 1901 the first steps were taken towards the building of a new school, Queen's Avenue School. Many citizens declared that the school board was foolish to build a school so far out in the bush. Now it stands in the heart of the city, within a stone's throw of the Canadian National Railway Station, the railway company using it for offices. The present Queen's Avenue School is a block farther north. Other Edmonton schools are not without their historical significance. In 1906, the first session of the legislature of the Province of Alberta was held in the McKay Avenue School. In October 1908, the University of Alberta held its first classes in the upper rooms of the Queen Alexandra School.

At the beginning of 1909, these classes were transferred to the Strathcona High School, where on his last visit to Edmonton Lord Strathcona received the degree of Doctor of Laws.

The year 1885, which marked the establishment of the Edmonton School District was signalized by the outbreak of the North West or Saskatchewan Rebellion. Though the Rebellion lasted only three months, it carried with it the most serious possibilities. There was tragedy enough in what actually occurred, but the tragedy would have been much greater had the authorities minimized the dangers of the situation, or had the need for an adequate military force not been so promptly and efficiently met. While the suppression of the outbreak has not a large place in military history, it was neither small nor un-

17. 11. 1944

18. 11. 1944

19. 11. 1944

20. 11. 1944

21. 11. 1944

22. 11. 1944

23. 11. 1944

24. 11. 1944

25. 11. 1944

26. 11. 1944

27. 11. 1944

28. 11. 1944

29. 11. 1944

30. 11. 1944

important to the persons immediately concerned, nor to the country for which it definitely marked the supremacy of constituted authority.

The R.C.M.P. wintered at Fort Edmonton in 1874, when on their way to establish Fort Saskatchewan.

The Edmonton Board of Trade was organized in 1889.

The Klondike gold rush of 1898 helped to swell the population of Edmonton, for while the great majority of goldseekers went into the Yukon by way of the Pacific Coast, a considerable number tried to reach Dawson by the inland route, and Edmonton at that time was the end of the steel. The only link by rail with the outside world was the Calgary and Edmonton Railway a branch line of the Canadian Pacific Railway, constructed in 1891. Its northern terminus was on the south side of the river and it was not until the high level bridge was built in 1912, that the long awaited C.P.R. reached the heart of the city. The Canadian Northern, now a part of Canada's National Railways system, also showed its faith in Edmonton's future by entering the city in 1905, and on October 20th, 1906, the first Canadian Northern train crossed the low level bridge to connect Strathcona with Edmonton by rail. In 1912 Edmonton and Strathcona, two rival cities with the Saskatchewan flowing between them, settled their differences and united to form the present city of Edmonton.

{ After the amalgamation of Strathcona with Edmonton in 1912 and after the railroads had entered Edmonton, the city developed steadily as a manufacturing, wholesale distributing and meat packing centre. The next phase in the city's development took place in 1919 when the city set aside 160 acres within the city limits for a municipal airfield, it also passed the necessary bylaws, and applied for a commercial license that was granted by the federal government, thus making Edmonton's airport the first licensed commercial airport in Canada.

) This airport was responsible for the rapid development of that territory lying north of Alberta. It enabled prospectors, geologists and fur dealers to reach their bases of operation in record time. During the second world war the airport was taken over by the federal government as a training centre. It was enlarged to 750 acres, heavier runways were constructed and the latest navigation aids installed. The airport has 664,036 square yards of concrete runways and aprons. Four major airlines have time schedule flights in and out of Edmonton, and eight others have schedule and charter trips servicing mining interests, fur traders, etc.

82,500 aircraft refuelled and used the field in 1943.

860 aircraft passed through Edmonton in 24 hours, September 29th, 1943.

The year 1942 marked a new epoch in the history of Edmonton and its great northern hinterland. This was brought about by the building of the Alaska Highway, a project which the Right Hon. Malcolm Macdonald, British High Commissioner to Canada, has called "the greatest piece of road-building ever undertaken by man". Beginning at Dawson Creek, B.C. the terminus of the Northern Alberta Railways line, 400 miles northwest of Edmonton, the road runs by way of Fort St. John, Fort Nelson, Watson Lake and Whitehorse to Fairbanks Alaska, a distance of approximately 1,600 miles.

Road building is no easy task at best, yet under the severest climatic conditions the road to Alaska was built in record time. The first surveyors reached Dawson Creek on March 19th, 1942, and began work the next day. The Highway was officially opened at Lake Kluane, near the Alaska border, on November 20th, exactly eight months later. In the words of U. S. Secretary of War, Stimson: "Ten thousand soldiers divided into seven army engineer regiments and six thousand civilian workmen under the direction of the Public Roads Administration completed the job at break-neck speed. They pushed forward at the rate of eight miles per day, bridged two hundred streams and rivers, and laid a roadway twenty-four feet wide". Edmonton is recognized as the starting point for a trip to Alaska over this road, but the highway proper begins at Dawson Creek; terminal point of the Northern Alberta Railways, 475 miles north west of Edmonton. From Dawson Creek, the highway, a gravelled all weather road, runs 1,523 miles to Fairbanks, Alaska; 1,221 miles of this road is in Canada and 302 miles in Alaska.

Edmonton was destined for further development, when on February 13th, 1947, Imperial's Leduc No. 1 well "blew in" and ushered in a new era in oil for Canada. There are now seven proven oil and gas areas surrounding Edmonton, with over 1000 wells that produced over 20,000,000 barrels of oil during 1949. Production of oil is restricted due to lack of transportation facilities.

Edmonton became a village in 1871, was incorporated as a town in 1892, and incorporated as a city in 1904.

The South Side Community was incorporated as the Town of Strathcona in 1899.

Strathcona was incorporated as a city in 1907.

Amalgamation of Edmonton and Strathcona as the City of Edmonton 1912.

First Mayor of Edmonton Town, 1892, Mathew McCauley.
First Mayor of Strathcona Town, 1899, Thomas Bonnett.
First Mayor of Edmonton City, 1905, K.W. MacKenzie.
First Mayor of Strathcona City, 1907, N.D. Mills.
First Mayor after amalgamation, 1912, G.S. Armstrong.

(8) LIVING CONDITIONS

Edmonton is part of a wooded plain through which the North Saskatchewan river has cut a winding valley about two hundred feet deep with an average width of about three quarters of a mile where it divides the city into north and south Edmonton, and the river at this point averages about 700 feet in width. Branching out from the valley are several deep ravines that soon taper out on the higher ground. These ravines and the river banks are thickly wooded with deciduous and evergreen trees which provide a refreshing foliage in summer, gorgeous colours in the fall and some green foliage during the winter months. The whole area around the city can be described as a natural parkland.

The moderate altitude, (2,205 ft.) temperate climate, generous rainfall and long periods of sunshine, are responsible for the lush growth and generous production of excellent cereals, vegetables and flowers.

The nights are cool after the hottest summer days, and the district is particularly free from hot dry

winds. The mean temperature from May to September inclusive is 60°F. It can be truly said that Edmonton has an ideal climate in the north temperate zone which is very healthy and invigorating.

There is excellent provision for recreation with more than 2,000 acres set out for parks and playgrounds. There are five golf courses, a sports stadium and several athletic parks, with provision for both daylight and floodlit sports events.

There are eight lawn bowling clubs, three tennis clubs, three municipally owned outdoor swimming pools, three indoor swimming pools, a cricket field, skating arena with artificial ice, numerous outdoor skating rinks, five curling rinks - two with artificial ice - and numerous diamonds for hard - and softball games.

There are numerous lakes near the city that provide excellent boating, swimming, fishing and camping facilities.

If hunting interests one, there are game birds near the city such as duck, geese, pheasant, prairie chicken, grouse and partridge; west of the city one will find big-horned sheep, mountain goat, woodland caribou, elk, mule deer, moose and bear. One can observe the different species of live game in the Edmonton Zoo. There are several gun clubs and riding academies in the city.

Edmonton has an excellent health record. There are eight hospitals with a total of 3081 beds and special health services, in addition to federal, provincial and municipal health services. There are five libraries, one of which is a travelling library; a museum of arts, several art clubs, a handicraft guild, fifteen theatres, and many service clubs, cultural groups and community groups that encourage social and cultural development.

Alberta's school curriculum is considered one of the most advanced in North America. The city has 43 public schools and 24 Roman Catholic separate schools. There are private schools for kindergarten, music, art, dancing, commercial subjects and training for trades; also the University of Alberta which enjoys an excellent reputation for academic training, and Alberta College that offers courses in preparatory, matriculation, commerce, correspondence, music, speech, arts and Bible instruction.

It is the focal point of a rich farming, lumbering, mining, oil and natural gas district, and a divisional point for three separate railway companies. There is a modern, spacious bus depot and the municipal airport is one of the largest and busiest on the American continent. A person can travel north, south, east or west from Edmonton by plane, car, bus or train. It is the main shopping centre for northern and central Alberta, the Peace River block in B. C., the Yukon, the North West Territories, and a supply base for Alaska.

The city covers an area of 26,776 acres, public parks and playgrounds occupy 2,147 acres, and that part of the North Saskatchewan river within the city limits covers an area of 1,000 acres.

Edmonton's growth is shown by the following statistics:

	1948	1949
Number of houses built	2,182	2,777
Apartment houses built	38	36

Residences:

Single family owner occupied	19,463
Tenant occupied	7,310
Total dwelling units on Jan. 1 - 1950	35,275

(9) ADMINISTRATION

The city is governed by a mayor, elected for a two year term and 10 aldermen, five elected each year each for a two year term. Administration is carried out by one elected commissioner (the mayor) and two appointed commissioners.

The commissioners are responsible for all departments, except those governed by a board appointed by the council such as the Board of Health, Industrial Development Board, Hospital Board, Library Board and the elected Public and Separate School Boards.

(10) LAW ENFORCEMENT & REGULATIONS

Federal Law Enforcement

Housed in a substantial, modern brick building near 95th street on the north bank of the North Saskatchewan River is the headquarters of "K" Division of the Royal Canadian Mounted Police. This Division is divided into three departments; the C.I.B., Internal Economy and Personnel. This Force is responsible for the enforcement of federal statutes within the province of Alberta.

Provincial Law Enforcement

Alberta's attorney general is concerned with the legal aspects of government and with all matters in connection with the administration of justice in the province within the powers or jurisdiction of the legislative assembly or the Government of the Province. The attorney general is also responsible for the administration of the Alberta Police Act. The policing of some cities and towns is carried out by the Royal Canadian Mounted Police by arrangement with the Canadian Government and the attorney general. By agreement with the federal authorities in 1932, and subsequent agreements, the R.C.M.P. undertook the duty of policing the Province of Alberta and took over the duties and service previously performed by the Alberta Provincial Police. The Assistant Commissioner of the R.C.M.P., in carrying out the agreement, acts under the direction of the attorney general, except where Federal Statutes or Federal Police are concerned.

Although all judges of the Supreme Court of Alberta and the District Courts are appointed by the Canadian Government, the maintenance of the provincial courts and administration of justice in the Province, arrangements for court sittings and the collection of fines, is the responsibility of the attorney general's department; so too is the appointment of sheriffs, justices of the peace, coroners, commissioners for oaths, and regulation of the work of court reporters.

Alberta is divided into ten judicial districts and two judicial sub-districts Edmonton is one of the districts. Employed by the Province in the Edmonton District court house are:

Clerk of the Court
Sheriff

Official Court Reporters.

And in the City Police Court:

Resident Magistrate
Clerk of the Court
Official Court Reporters.

Municipal Law Enforcement

The City Police Department is made up as follows:

No. 1 Station

1 Chief Constable
1 Deputy Chief Constable
1 Inspector
3 Desk Sergeants
3 Patrol Sergeants
2 Relief Sergeants
1 Court Sergeant
1 Court Constable
1 Chauffeur
1 Garage Assistant
3 Turnkeys
1 Relief Turnkey
6 Station Duty Constables
2 Relief Station Duty Constables
3 Radio Operators
1 Relief Radio Operator
8 Prowler Car men

Traffic

1 Traffic Sergeant
15 Traffic Constables
44 Constables on beats

Staff

1 Accountant
1 Secretary
4 Steno-clerks

C.I.B.

1 Detective Inspector
1 Detective Sergeant
14 Detectives
3 Steno-clerks

Morality Squad

1 Detective Sergeant
8 Detectives
2 Policewomen

Bureau of Identification

1 Detective
2 Constables

Miscellaneous

2 Janitors
3 Matrons

No. 2 Station (South Edmonton)

1 Inspector
1 Detective
14 Constables

— —

John

... ..

... ..

John

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

(... ..)

Exhibition Grounds Station and City Pound

1 Constable
1 Assistant Poundkeeper

North Edmonton Station

1 Constable

Calder Sub Station

1 Constable

Total 163, February, 1950

CITY OF EDMONTON - ALBERTA

	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>
Population	114,976	118,541	126,609	137,469
Strength of Police Force including all ranks and staff	122	131	138	162
Police Dept. Expenditures	\$277,283	\$329,207	\$379,162	\$435,062
Police Dept. Revenues	34,954	43,733	60,238	83,971
Police Dept. Net Expenditures	242,329	285,474	318,924	351,091
Cost per capita	\$2.107	\$2.04	\$2.519	\$2.532

(10) REGULATIONS

Building regulations are now being revised and compiled. These new regulations will include extracts from the National Building Code and the Pacific Building Officials' Code of 1927 with 1949 amendments that are suitable for local conditions.

The zoning bylaw takes precedence over the building code.

Electrical Regulations conform to the Alberta Electrical Protection Act.

Sanitary Regulations conform to the Alberta Public Health Act.

Gas installations are required to comply with city bylaw No. 1156- 1948 which states:

(a) Before commencing the installation, removal or connection of fixtures, alteration or repair of the gas piping of any building or portion thereof, or the connecting up of any appliance, minor alterations, or emergency repairs, an application for a permit for all work proposed to be done shall be filed in the office of the gas inspector by the gas fitter and a permit obtained. If required by the gas inspector, a plan of the piping system shall also be filed.

(b) No person shall within the boundaries of the City of Edmonton use, sell or offer or expose for sale any gas piping, appliances, equipment or material not approved by the "Board". "Board" means the Gas Approval Board appointed by the City Council.

Before any building is commenced, plans must first be submitted for approval by the City Architect and Building

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

1

THE UNIVERSITY OF CHICAGO

2

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

3

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

4

THE UNIVERSITY OF CHICAGO

5

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

6

THE UNIVERSITY OF CHICAGO

7

THE UNIVERSITY OF CHICAGO

8

9

10

11

12

13

14

15

16

17

18

19

Inspector, to make sure that the building conforms to the Building Regulations and Zoning Bylaw.

(11) FIRE PROTECTION

The fire department is under the supervision of a Board of Commissioners. The chief is the executive head of the department and has control over the men and apparatus, with power to make assignments and transfers. He exercises general supervision over the various divisions, including the Fire Prevention Bureau and the Fire Alarm System. In the absence of the chief the deputy chief is in charge of the department.

The membership is made up as follows:

Chief	1
Deputy Chief	1
Assistant Chiefs	2
Captains	18
Acting Captains	15
Hose and Ladder Men	114
Fire Force	151
Department Secretary	1
Stenographer	2
Master Mechanic	1
Mechanic	1
Chief of Fire Prevention Bureau	1
Fire Prevention Inspectors	2
Fire Alarm Operators	4
Electricians and Linemen	2
Fire Alarm Superintendent	1
Total	176

There are five fire stations.

Water pressure at hydrants throughout the city varies from 16 to 44 lbs. p.s.i.

Department Expenses

Year	Salaries	Expenses	General Maintenance	New Apparatus	Population	Cost per Capita \$
1949	\$407,559	\$42,350	\$17,860	\$25,727	\$137,469	\$3.59
1948	366,566	32,000	7,862	43,025	126,609	3.56
1947	349,480	35,860	10,249	5,647	118,541	3.38
1946	295,813	25,080	5,585	---	114,976	2.84
1945	231,385	26,460	5,120	---	111,745	2.35
1944	228,212	25,405	8,571	---	108,416	2.41

SUMMARY OF APPARATUS & EQUIPMENT

	In Service	In Reserve
Pumpers:		
1,200 g.p.m.	2	0
830 g.p.m.	2	0
625 g.p.m.	1	0
415 g.p.m.	1	0
625 g.p.m. Foamite	1	0

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthal and Whistler (1973).

Journal of Management Education 30(6)

SECRET (U)

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the team.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources needed to complete each task.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress regularly to ensure that the project is on track.

5. The final step is to evaluate the results of the project. This involves assessing the outcomes against the objectives and goals and identifying any areas for improvement.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973). The total chlorophyll content was determined by the method of Arar and Johnson (1977). The carotenoid content was determined by the method of Lichtenthaler and Whistler (1973). The total carotenoid content was determined by the method of Arar and Johnson (1977). The total carotenoid content was determined by the method of Arar and Johnson (1977).

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$ of the sample.

1. $\frac{1}{2} \log \frac{1}{2}$ 2. $\frac{1}{2} \log \frac{1}{2}$ 3. $\frac{1}{2} \log \frac{1}{2}$ 4. $\frac{1}{2} \log \frac{1}{2}$ 5. $\frac{1}{2} \log \frac{1}{2}$ 6. $\frac{1}{2} \log \frac{1}{2}$ 7. $\frac{1}{2} \log \frac{1}{2}$ 8. $\frac{1}{2} \log \frac{1}{2}$ 9. $\frac{1}{2} \log \frac{1}{2}$ 10. $\frac{1}{2} \log \frac{1}{2}$

$\mathbb{P}^1 \times \mathbb{P}^1 \rightarrow \mathbb{P}^1$ is $\mathbb{P}^1 \times \mathbb{P}^1 \rightarrow \mathbb{P}^1$

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$ of the sample.

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard diet (SD) and the experimental group received a high-fat diet (HFD). The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard diet (SD) and the experimental group received a high-fat diet (HFD). The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard diet (SD) and the experimental group received a high-fat diet (HFD).

[illegible]

	<u>In Service</u>	<u>In Reserve</u>
<u>Ladder Trucks</u>		
Aerial.....2		0
Service.....3		0
Hose Trucks.....0		2
Aircraft Crash Tender.....1		0
Chief's Automobiles.....3		0
Ambulance in city garage - used by fire department.....1		0
Supply Truck.....1		0
Hose 2 1/2".....11,500'		10,500'
Hose 1 3/4".....1,700'		1,150'
Hose 3/4".....1,600'		150'
Ladders, total length.....1,000'		0
Portable Extinguishers.....30		12
Gas Masks (all service).....12		1
Oxygen Masks.....12		1
Salvage Covers.....47		0
Mounted Turrets.....2		0
Deluge Sets.....2		0
Siamese and Wye Connections.....0		0
Ladder Pipes and Nozzles.....2		0
Cellar Pipes and Nozzles.....7		0
Distribution Nozzles.....31		10
Inhalators.....2		0
Portable Light Units.....1		0
Portable Foam Generators.....2		0
Life Nets.....4		0
Respirators.....33		4
Asbestos Suit.....1		0
Asbestos Sheet.....1		0
Fog and Spray Nozzles.....9		0

ADDITIONS TO BE MADE DURING 1950

Members increased by 70
Two new stations to be built
New equipment adds as follows:

- 1 - 100 foot aerial ladder
- 1 - 1000 gal. pumper
- 1 - high pressure fog wagon
- 1 - squad wagon.

(12)	<u>TAX STRUCTURE 1949</u>	<u>Residential</u> <u>Buildings</u>	<u>Business</u> <u>Buildings</u>	<u>Land</u>
	Percentage of Assessment liable to taxation (Real Property)	50%	60%	100%
	Valuation of Property Exempt from taxation - 1949			
	Dominion Government	Land		
	Dominion Government	\$ 673,295		
	Provincial Government	1,255,905		
		6,388,370		
	Property used for educational religious, charitable and welfare purposes)	663,700		
	Total	\$8,981,360		

Mill Rate - Assessment 1949

<u>Assessment</u>		
Municipal	\$100,367,870	- Does not include
School - Public	79,218,620	\$0,000,000 Utilities
School - Separate	12,140,250	Assessment.

1947

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methods used in the study. It includes a description of the sample, the data collection methods, and the statistical methods used to analyze the data.

3. The third part of the report is a presentation of the results of the study. It includes a description of the findings and a discussion of the implications of the results.

4. The fourth part of the report is a conclusion and a summary of the findings. It includes a statement of the main findings and a discussion of the limitations of the study.

5. The fifth part of the report is a list of references. It includes a list of the books, articles, and other sources used in the study.

1947

1947

1947

Mill Rate

Municipal	17.18
School	31.00
Library	1.32
Total	<u>49.50 mills</u>

Net Assessed Valuation - 1949

Buildings and Improvements

Residential	\$34,842,680,
Other	<u>25,280,030</u>
Total	60,122,710
Land	29,745,160
Total Real Property	89,867,870
Business Tax Assessment	<u>5,626,696</u>
Total	95,494,566
Gas Franchise	1,500,000
Utilities	<u>9,000,000</u>
Total	105,994,566
Net Total Assessment	100,367,870
Public School	79,218,620
Separate School	12,149,250

Total Net Assessment includes \$1,500,000 Assessment of privately owned gas utility franchise and \$9,000,000 assessment of publicly owned utility.

Reassessment is now under way.

(13) ROADS - AREAS - PARKS - CEMETRIES

Road and Street Mileage

	<u>Gravelled</u>	<u>Concrete</u>	<u>Asphalt</u>	<u>Total</u>
Roads and Streets	132.82	76.60	9.55	218.97
Lanes and Alleys	63.91	--	--	63.91
Total Road & Street Mileage	--	--	--	330.6

AREAS

Acres

Public Parks and Playgrounds	2,147.00
Streets, Lanes and Highways	8,220.00
Land Area	25,776.60
Water Area	1,000.00
Total Land and Water Area	26,776.60

CEMETRIES

City owned and operated cemeteries
Beechmount
Mount Pleasant

Private Cemeteries

Edmonton cemetery company with Mausoleum
Jewish Cemetery (Chevra Kadisha)
Roman Catholic Cemetery

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

(14) SEWER AND WATER MAIN MILEAGE as at Jan. 1st, 1950

	<u>Miles</u>
Storm Sewers	<u>31.00</u>
Sanitary Sowers	307.69
Water Mains	<u>326.86</u>
Total	665.55

(15) POWER

The city operates its own steam electric plant and distribution system. It supplies electric energy from this plant to the city light and power department, pumping and treatment plant, transit system and the Calgary Power Company.

Fuel for the plant consists of natural gas purchased from North-western Utilities Ltd. which is obtained from the Viking-Kinsella and Leduc fields, and sub-bituminous coal from local mines.

The gas has a calorific value of 950 B.T.U. per cu. ft. at 50° F and 13.82 lbs. absolute pressure and the coal as fired 8050 B.T.U. per lb.

The installed capacity of the plant is 70,000 KW.

	<u>1948</u>	<u>1949</u>
Peak Load	41,200 K.W.	46,000 K.W.
Total production	188,691,200 KWH	267,431,300 K.W.H.
The energy was distributed as follows:		
	<u>1948</u>	<u>1949</u>
Calgary Power Company	26,737,000 K.W.H.	89,200,400 K.W.H.
City Light and Power		
Dept.	123,240,200 K.W.H.	137,799,900 K.W.H.
Pumping and Treatment		
Plant	10,365,200 K.W.H.	10,199,500 K.W.H.
City Transit System	16,150,700 K.W.H.	15,319,400 K.W.H.
Total coal consumption	209,248 tons	279,685 tons
Total gas consumption	for one month only	157,702 M.c.f.

RATE SCHEDULE

Single Phase 110/220 Volt Service

Domestic Lighting

For Private family use exclusively

First 40 K.W. hours @ 4¢ per K.W. hour

Next 110 K.W. hours @ 2¢ per K.W. hour

Over 150 K.W. hours @ 1½¢ per K.W. hour

Minimum charge \$1. per month

Domestic Lighting and Electric Range

Range of 4 K.W. capacity or over

First 40 K.W. hours @ 4¢ per K.W. hour

Next 110 K.W. hours @ 2¢ per K.W. hour

Over 150 K.W. hours @ 1¢ per K.W. hour

Minimum Charge \$1. per month.

Electric Water Heaters - Domestic Use

3/4¢ per K.W.H. - Minimum charge \$1. per month

100

100

100

100

Commercial Lighting

Commercial and Business premises, offices, stores, hotels, boarding and rooming houses, apartment houses, multiple dwellings. (Where subject to Department Regulations, the energy is metered on one meter.)

First 100 K.W.H. @ 4¢ per K.W.H.

Next 500 K.W.H. @ 3½¢ per K.W.H.

Over 600 K.W.H. @ 2¢ per K.W.H.

Minimum Charge \$1. per month.

Commercial Heating and Single Phase Power

First 50 hours use, per K.W. connected, @ 2¢ per K.W.H.

Over 50 hours use, per K.W. connected, @ 1½¢ per K.W.H.

Minimum charge, single phase motors up to 3 H.P. heating etc. 50¢ per K.W. connected.

Minimum charge \$1.50 per month.

Sign Lighting

Three cents (3¢) per K.W.H.

Minimum charge 50¢ per K.W. connected

Minimum bill \$1. per month.

Three Phase Power - 220 Volt

First 500 K.W.H. @ 1.2¢ per K.W.H.

Next 1,500 K.W.H. @ 1.1¢ per K.W.H.

Next 3,000 K.W.H. @ 1.0¢ per K.W.H.

Over 5,000 K.W.H. @ 0.9¢ per K.W.H.

Plus a service charge of 50¢ per H.P. connected or K.V.A. demand.

Minimum charge, first 20 H.P. connected load 75¢ per H.P. per month.

All over 20 H.P. connected 50¢ per H.P. per month.

Minimum bill \$2.25 per month.

Discount of five per centum (5%) on all bills if paid within ten (10) days from date of bill.

ELECTRIC LIGHT AND POWER DISTRIBUTION SYSTEM

Number of Meters Connected in Service

	Jan. 1950	Jan. 1949	Inc.	Dec.
Class A-1 Lighting, domestic	33,755	30,868	2,887	
Class A-2 Lighting, commercial	4,565	4,170	395	
	38,320	35,038	3,282	
Class F Signs and window lighting	514	571		57
Class B.C.D. Motors and power appliances	2,070	1,950	120	
	40,904	37,559	3,402	57

There were 3,345 more customers on January 31st, 1950 as compared with January 31st, 1949.

(16) WATER

The waterworks including the distribution system are owned and operated by the City.

Water is obtained from the North Saskatchewan River which flows through the City. Water enters the pumping station

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part outlines the various methods and tools used to collect and analyze data. It mentions the use of surveys, interviews, and focus groups to gather information from stakeholders. Additionally, it highlights the importance of using statistical software to process and interpret the data.

3. The third part describes the results of the data collection and analysis. It shows that there is a significant correlation between the variables studied, indicating that the findings are statistically significant.

4. The fourth part discusses the implications of the findings for the organization. It suggests that the results can be used to inform decision-making and to develop strategies to improve performance.

5. The fifth part concludes the document by summarizing the key points and reiterating the importance of ongoing monitoring and evaluation.

6. The sixth part provides a detailed description of the methodology used in the study. It explains how the data was collected and analyzed, and it includes a list of the variables measured.

7. The seventh part discusses the limitations of the study. It acknowledges that there are some potential biases and limitations to the data, but it also notes that the findings are still valuable for understanding the organization's performance.

8. The eighth part provides a list of references to the sources used in the study.

9. The ninth part includes a list of appendices that provide additional information and data.

10. The tenth part is a conclusion that summarizes the main findings and recommendations.

11. The eleventh part is a list of figures and tables that are included in the document.

12. The twelfth part is a list of footnotes that provide additional information and references.

13. The thirteenth part is a list of abbreviations and acronyms used in the document.

14. The fourteenth part is a list of the names of the authors and their affiliations.

15. The fifteenth part is a list of the names of the reviewers and their affiliations.

16. The sixteenth part is a list of the names of the funding agencies and their contributions.

17. The seventeenth part is a list of the names of the sponsors and their contributions.

18. The eighteenth part is a list of the names of the advisors and their contributions.

19. The nineteenth part is a list of the names of the assistants and their contributions.

20. The twentieth part is a list of the names of the other staff members and their contributions.

from the river through two 36" intake pipes to a concrete screen chamber and suction well. The water is then pumped from this well by low-lift pumps against a static head of 51 feet to supply the requirements of both the power plant and the water treatment plant. There are two water treatment or purification plants that clarify, soften and sterilize the water. One plant has a capacity of 15,000,000 gals. per day, and the other 10,000,000 gals. The entire supply of water for the city is obtained through these treatment plants and pumping station.

The low-lift pumps supplying the purification plants consist of the following units:

- (a) Two single stage, electric driven centrifugal pumps, each rated at 15,000,000 gals. per day.
- (b) One single stage centrifugal pump direct connected to a reciprocating steam engine, rated at 18,000,000 gals. per day.
- (c) One two stage centrifugal pump direct connected to a reciprocating steam engine, rated at 6,000,000 gals. per day.

The water is pumped from the purification plant to the distribution system by four high-lift pumps which include the following units:

- (d) Two two-stage, electric driven, centrifugal pumps, each rated at 10,000,000 gals. per day at 110 lbs. pressure.
- (e) One two-stage, electric driven, centrifugal pump, rated at 12,500,000 gals. per day at 118 lbs. pressure.
- (f) One three-stage centrifugal pump, direct connected to a reciprocating steam engine, rated at 6,000,000 gals. per day at 110 lbs. pressure.

There is a 250,000 gallon water tower located in Calder, and a 1,000,000 gallon tower near the packing plants in the north-east part of the city.

The water pressure throughout the city varies from 16 to 44 lbs. p.s.i.

	<u>1948</u>	<u>1949</u>
Average daily pumpage by low-lift pumps, gals.	10,658,500	11,823,600
Average daily pumpage by high-lift pumps, gals.	10,658,000	11,761,600
Maximum daily pumpage by high-lift pumps, gals.	14,825,000	17,046,000
Total annual pumpage, gals.	3,900,800,000	4,293,000,000
Number of metered services	23416	26686
Number of unmetered services	2003	1935
Number of licensed watermen	5	5
Water purchased by licensed watermen (millions of cubic feet)	2.37	2.56
(millions of gallons)	14.81	16.00

600

Average Analysis of Treated Water.	Summer Months	Winter Months
	May to Sept. Inclusive	Oct. to April Inclusive
Dry Residue	8 p.p.m.	6 p.p.m.
Sodium Chloride (NaCl)	5 p.p.m.	5 p.p.
Calcium Sulphate (CaSO ₄)	6 p.p.m.	18 p.p.m.
Magnesium Sulphate (MgSO ₄)	28 p.p.m.	27 p.p.m.
Calcium Bicarbonate (Ca(HCO ₃) ₂)	52 p.p.m.	43 p.p.m.
Magnesium Bicarbonate (Mg(HCO ₃) ₂)	0 p.p.m.	0 p.p.m.
Sodium Sulphate	22 p.p.m.	65 p.p.m.
Aluminum and Iron Oxide (Al ₂ O ₃ - Fe ₂ O ₃)	--	--
Silica (SiO ₂)	--	--
<hr/>		
Total Solids	121 p.p.m.	164 p.p.m.
Total Hardness	73 p.p.m.	73 p.p.m.
pH Value	8.7	8.6
Bacteria count per cubic centimeter	3	3
Bacteria Coli	Nil	Nil

Analysis of River Water Before Treatment

<u>Average</u>		Summer Months	Winter Months
		May to Sept. Inclusive	Oct. to April Inclusive
Calcium Carbonate	120 p.p.m.	98 p.p.m.	142 p.p.m.
Calcium Sulphate	13 p.p.m.	nil	26 p.p.m.
Magnesium Sulphate	68 p.p.m.	50 p.p.m.	86 p.p.m.
Magnesium Carbonate	nil	nil	nil
Sodium Chloride	4 p.p.m.	4 p.p.m.	4 p.p.m.
Organic Matter	13 p.p.m.	14 p.p.m.	12 p.p.m.
Total Solids	218 p.p.m.	166 p.p.m.	270 p.p.m.
Carbonate Hardness	120 p.p.m.	98 p.p.m.	142 p.p.m.
Non-Carbonate Hardness	63 p.p.m.	40 p.p.m.	86 p.p.m.
Total Hardness	183 p.p.m.	138 p.p.m.	228 p.p.m.
Alkalinity	120 p.p.m.	98 p.p.m.	142 p.p.m.
pH Value	8.0	8.1	7.9

Waterworks Tariff

All rates subject to 5% discount, except as noted, if paid within ten days of date of bill.

Metered Services

Consumption per Month		Rate per 100 cu. ft.	Min. Charge per month
From	0 to	800 cu. ft	31¢ 1.12
"	800 to	1,800 cu. ft	28¢ 2.48
"	1,800 to	4,000 cu. ft	26¢ 5.04
"	4,000 to	7,000 cu. ft	23¢ 10.40
"	7,000 to	13,600 cu. ft	21¢ 16.10
"	13,600 to	21,000 cu. ft	19¢ 28.56
"	21,000 to	28,000 cu. ft	18¢ 39.90
"	28,000 to	36,000 cu. ft	16¢ 50.40
"	36,000 to	100,000 cu. ft	15¢ 59.40
"	100,000 to	500,000 cu. ft	14¢ 155.00
"	500,000 to	1,500,000 cu. ft	13¢ 725.00
"	1,500,000 to	3,000,000 cu. ft	12¢ 2,025.00
"	3,000,000 cu. ft upwards	11¢	3,675.00

1. The first part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

2. The second part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

3. The third part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

4. The fourth part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

5. The fifth part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

6. The sixth part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

7. The seventh part of the document is a list of names and addresses. The names are written in a cursive hand, and the addresses are written in a more formal, printed hand. The list is organized into two columns, with names on the left and addresses on the right.

Minimum Monthly Charges.

3/4"	service and/or meter	\$ 1.12
1"	service and/or meter	2.25
2"	" " " "	3.50
3"	" " " "	4.50
4"	" " " "	5.50
6"	" " " "	9.00
8"	" " " "	14.00

These minimums apply irrespective of consumption.

Summer Rating.

A rebate is allowed for lawn and garden watering purposes.

<u>Unmetered Services.</u>	<u>Oct. to</u>	<u>April to</u>
<u>Minimum Monthly Rates</u>	<u>March</u>	<u>Sept.</u>
Flat rate to house without sewer	\$1.12	\$1.40
Flat rate to house with sewer (2 fixtures)	1.40	1.70
Flat rate each extra fixture	0.30	0.30
Yard hydrant	1.12	1.40

Fire Protection, etc.

Separate Unmetered Services

4" diameter	Standby charge per month	\$2.00
6" diameter	Standby charge per month	3.00
8" diameter	Standby charge per month	4.00

These rates do not apply to services installed prior to 1935.

Special Services - No Discount

Service Fee On or Off	0.50
Move Fee (from one address to another)	1.00
Meter Test up to 1" diameter	1.50
Meter Test larger sizes	suitable rates

If meter is found to be over 3% fast after testing, charge will be refunded. Repairs to damaged meters at cost.

Building Tariff - No Discount

This tariff is applied during construction.

<u>Value of Building</u>		<u>How to compute Tariff.</u>	
\$1,000.00	\$2.00	First \$2,000.00	\$2.00
2,000.00	2.00	Next 3,000.00	.75¢ per M
3,000.00	2.75	Next 5,000.00	.60¢ per M
4,000.00	3.50	Next 10,000.00	.50¢ per M
5,000.00	4.24	Over 20,000.00	.45¢ per M
6,000.00	4.85		
7,000.00	5.45		
8,000.00	6.05		

TABLE 1			
Year	1950	1951	1952
Population	100	100	100
Urban	40	45	50
Rural	60	55	50
Total	100	100	100

TABLE 2			
Year	1950	1951	1952
Population	100	100	100
Urban	40	45	50
Rural	60	55	50
Total	100	100	100

TABLE 3			
Year	1950	1951	1952
Population	100	100	100
Urban	40	45	50
Rural	60	55	50
Total	100	100	100

TABLE 4			
Year	1950	1951	1952
Population	100	100	100
Urban	40	45	50
Rural	60	55	50
Total	100	100	100

TABLE 5			
Year	1950	1951	1952
Population	100	100	100
Urban	40	45	50
Rural	60	55	50
Total	100	100	100

TABLE 6			
Year	1950	1951	1952
Population	100	100	100
Urban	40	45	50
Rural	60	55	50
Total	100	100	100

(17) GAS

Natural gas is supplied under a franchise by Northwestern Utilities, Limited, from the Viking-Kinsella and Leduc Fields. The calorific value of this gas is 950 - b.t.u. per cubic foot at 50 F and 13.82 lbs. absolute pressure.

Domestic, Commercial and Industrial General Rate.

This rate shall be available to all domestic, commercial and industrial customers and shall be as follows:

First 4 MCF or less - \$2.00 per month.

All additional M.C.F. 20¢ per M.C.F.

This rate shall be subject to the following conditions, namely, that in case any account is not paid on or before the due date, the charge per M.C.F. (other than the first 4 M.C.F.) shall be increased by 02¢ per M.C.F.

Optional Commercial and Industrial Rate

This rate shall be available to all commercial and industrial customers and shall be as follows:

Class A

(Commercial and industrial customers whose annual consumption exceeds 13,500 M.C.F. but does not exceed 34,000 M.C.F.)

Fixed charge \$35 per month

Commodity charge 17¢ per M.C.F.

Class B

(Commercial and industrial customers whose annual consumption exceeds 34,000 M.C.F.)

Fixed charge \$120 per month

Commodity charge 14¢ per M.C.F.

HIGH LOAD FACTOR RATE

Availability: To consumers on annual contract whose annual consumption of gas is not less than 6,000,000 cu. ft. and whose total consumption during the six meter reading periods ending in May, June, July, August, September and October, is not less than 40% of their total consumption for the year.

Fixed charge \$20 per month plus \$1 per 1,000 cu. ft. of maximum 12 hour demand

Commodity charge

First 1,000,000 cu. ft - .14 per M

Next 1,000,000 cu. ft - .12 per M

All additional .10 per M

Minimum Monthly charge - fixed charge.

Determination of Demand

The maximum 12 hour demand shall be the greatest amount of gas in cubic feet delivered in any 12 consecutive hours during the current billing period or the preceding 11 billing periods as ascertained by the company. In the case of a new consumer of gas, the said maximum 12 hour demand shall be estimated by the company. The company will upon receipt of a written request from a consumer install a recording meter to measure the said maximum 12 hour demand. In such event the maximum 12 hour demand established for the current period or for the previous 11 billing periods whether ascertained by the company as aforesaid or as measured by the said recording meter shall apply. Provided, however, that the company may with the consent of the consumer estimate the maximum demand taking into

199

44

consideration such factors as the effect of the consumer's demand for gas upon the company's peak load or any other relevant factor.

Term of Contract: One year and thereafter until terminated by thirty days' written notice.

(18) L.P. GAS

Calorific value 2521 b.t.u. per cu. ft at 60°F
Bulk 25¢ per gal.
100 lb. cylinders \$8.50
Storage capacity 1,500 gallons.

(19) DIESEL FUEL

Calorific value 135,000 to 140,000 b.t.u. per gal.
at 60°F.
Summer grade 16.1 cents plus 1 cent tax
Winter grade 16.1 " " " " "
Furnace " 14.6 " " " " "
Storage capacity 115,000 gallons.

(20) COAL

Bituminous, coking and weather resistant coal is available from mines about 170 miles west of the city, but is not used because it can not compete with local fuels. The coal used in the city is sub-bituminous coal having a calorific value averaging about 8400 b.t.u. per lb. as fired. This coal is obtained from local mines. The grades and prices are as follows:

<u>Passes over a (size) screen</u>	<u>f.o.b. mine</u>	<u>delivered in city</u>
Grade - Lump 4" and over	\$6.80	\$8.00
" Egg 2½" to 4"	5.75	7.00
" Nut 1" to 2½"	4.10	5.00
" Stoker 5/8" to 1"	4.10	5.00
" Slack under 5/8"	1.75	2.75

(21) LOCAL RESOURCES

Cereals such as barley, flax, oats, rye and wheat.
Coal, sub-bituminous
Clay for bricks and building tile
Dairy Products
Electric energy
Forage crops
Furs - farm
Gas - natural
Gravel
Horses, sheep, cattle, hogs.
Honey
Oil
Poultry, eggs, etc.
Sand, common
Straw
Water

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1928

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

1942

1943

1944

1945

1946

1947

(22) GOVERNMENT OFFICES AND SERVICES

Agriculture, Department of
Dominion Dairy Produce Graders
Dominion Laboratory of Plant Pathology
Fruit and Vegetable Inspector
Live Stock Marketing
Live Stock and Poultry Division Production
Services
Livestock Branch Barn
Poultry Services Marketing and Production,
Inspector
Prairie Farm Assistance
Treasury Office
Plant Products Division (Seed Inspection)
Seed Potato, Inspector
Veterinary Services
Market Services
Economics Division
Annuities, Canadian Government
Canadian Vocational Training - Technical School
Centre
Civil Service Commission, Edmonton Branch
Customs and Excise, Department of
Customs - Excise Long Room
Sales Tax Branch
Superintendent, Customs Excise
Examining Warehouse
Express Office
Sufferance Warehouse, C.P.R. & C.N.R. Offices
Tax Auditors
Dominion Bureau of Statistics
Electricity and Gas Inspection - District Inspector
Farmer's Creditors Arrangement Act
Immigration Hall and Inspector
Mines and Resources, Department of
North West Territories Administration
Agent and Sub-Mining Recorder
Public Administrator and Sub-Mining Recorder
Fur Supervisor
Immigration Branch - Settlement Services
Dominion Wildlife Services
National Defence, Department of
Royal Canadian Navy (Reserve)
Information and Recruiting
Ship's Office and Commanding Officer
Army and Air Force - Treasury Office
Canadian Army Active Force HQ Western Command
Signal Office
Transport Pool
RCE, NWT & Y Works Detachment
RCE No. 13 Works Coy Edmonton Detachment
RCE Stores Office
RCCS Tape Relay Room
RCCS Radio Control Room
RCASC Supply Depot

1875

1876

1877

1878

1879

1880

1881

1882

1883

1884

1885

1886

1887

1888

1889

1890

1891

1892

1893

1894

1895

1896

1897

1898

1899

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

Northwest Territories and Yukon Radio System, RC Signals
Officer Commanding
Technical Maintenance Officer
Traffic Superintendent
Canadian Army (Reserve Force)
18 Infantry Brigade H.Q.
19 Armed Car Regiment.
20 HAA Regiment RCA
25 Field Company RCE
18 Infantry Brigade Sig. Tp.
COTC University of Alberta Contingent
Loyal Edmonton Regiment
33 Supply Coy RCASC
36 Light Fd. Amb. RCAMC
44 HAA Workshop
Royal Canadian Air Force
North West Air Command Headquarters
RCAF
Equipment LPO
National Employment Service (UIC)
National Film Board Regional Office and Screening
Room
National Health and Welfare, Department of
Family Allowances
Food and Drugs Divisional Inspector
Charles Camshell Indian Hospital (Indian Health
Services)
Public Health Engineering Division
National Revenue Dept. of (Taxation Division)
Income Tax and Succession Duties (General Office)
Public Works, Department of
District Treasury Office
District Engineer
Inspector of Dredges
Chief Engineer Public Buildings
Timber Control, Regional Representative
Trade and Commerce, Department of
Standards Division
Electricity, Gas, Weights and Measures, Inspection
Department of Transport
District Controller of Air Services
Civil Aviation Air Regulations
District Inspector Northern Airways
District Airway Engineer
District Land Agent
Radio Aviation Division
Meteorological Division
District Accounting Office
District Storekeeper and Purchasing Agent
Electrical and Mechanical Section
Department of Transport Warehouse
Edmonton Air Traffic Control Centre
Control Tower Airport
Meteorological Office Airport, Public Inquiry and
General Forecast Information.
Airways forecast only
Administrative office
Radiosonde Office
Radio Inspector
Northwest communication system
District Superintendent
Unemployment Insurance Commission
Veterans' Affairs, Department of
District Administrator
District Medical Officer
Superintendent of Veterans' Welfare Services Branch

Continued
(22)

Casualty Services
Veterans' Welfare Officer
Departmental Solicitor
District Purchasing Officer
Canadian Pension Commission
Pensions Medical Examiner
Pension Information
District Pensions Advocate
District Treasury Officer
Liaison Officer, Unemployment Insurance Commission
Mewburn Pavillion University Hospital
Hospital Representative
Out Patient Clinic
Chief of Medicine
District Supervising Dentist
Dental Clinic
Prosthetic Services
Supervisor of Education
Supervisor of Recreation
Veterans' Home, Government House
Veterans' Land Act.
District Office
District Superintendent
District Supervisor - Farms Division
District Supervisor - Small holdings division
District Construction Supervisor
District Solicitor
Insurance
Collections and Taxes
Farm Machinery and Equipment
Chief Inspector
District Treasury Office
Regional Office
Regional Supervisor
Information and Counsellor
Wartime Prices and Trade Board
Weights and Measures Inspection
District Inspector
Dominion Government Telegraphs
Board of Grain Commissioners
Inspection office - city
Inspection office - Government Elevator, Calder
Yard Office, CNR Calder Yards
Grain Appeal Tribunal
Government Terminal Elevator, Calder

Justice, Department of:

Royal Canadian Mounted Police "K" Division,
Officer Commanding "K" Division,
Edmonton Sub-division office and Officer Command-
ing.

Post Office Department:

South Side Post Office
North Edmonton Post Office
Main Post Office Building
Information Branch
Postmaster's Office and Public Relations
Postal District Superintendent, Inspectors and
operating section.

In addition there are 34 sub-post offices in the
city.

1875

1875

1875

1875

1875

1875

1875

1875

1875

1875

1875

1875

1875

1875

1875

(22) Provincial Offices and Services
Agriculture, Department of

Minister
Deputy Minister
Director of Agricultural Extension
Supervisor of District Agriculturists
District Agriculturist
Agricultural Engineer
Supervisor of Relief and Land Settlement
Women's Extension Work Supervisor
Home Designing Specialist
District Home Economist
Superintendent of Schools
Supervisor of Junior Activities and Youth Training
Field Crops Commissioner
Supervisor of Soils and Weeds
Supervisor of Crop Protection
Supervisor of Crop Improvement
Director of Veterinary Services
Veterinary Laboratory
Animal Diseases Section
Poultry Diseases Section
Extension Veterinarian
Supervisor Dairy Cattle
Fur Farms Supervisor
Live Stock Commissioner
Live Stock Supervisor
Horse Promoter
Brands Office
Inspector of Brands (Edmonton Stock Yards)
Livestock Depot Exhibition Grounds
Dairy Commissioner
Dairy Branch Bacteriologist
Poultry Commissioner
Provincial Poultry Plant Oliver
Provincial Apiarist
Alberta Assessment Commission
Alberta Liquor Control Board

Attorney General's Department

Attorney General
Deputy Attorney General
Solicitors (4)
Legislative Council
Law Clerk and Collections
Chief Coroner
Inspector of Legal Offices
Inspector of Gaols
Succession Duties Branch
Official Guardian and Administrator of Estates of
the Mentally Incompetent.
Public Administrator and Assistant Official Guardian.

Police Station (City)

Police Magistrate
Police Court Clerk
Crown Prosecutor
Police Court Reporters

Audit Department

Cafe Parliament Buildings
Civil Service Association Office
Debtors' Assistance Board
Director of Personnel (Civil Service)
Civil Service Pensions

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

1947

(22) Economic Affairs Department of:

- Minister
- Deputy Minister
- Public Relations
- Cultural Activities Bureau
- Publicity Bureau
- Director
- Clipping Service
- Tourist and Travel Bureau
- Director
- Field Supervisor
- Immigration Bureau Supervisor
- Industrial Development Board
- Director
- Technical Advisor
- Supervisor of Development
- Film and Photographic Bureau
- Film Commissioner
- Photographers
- Film Library

Education, Department of:

- Minister
- Deputy Minister
- Chief Superintendent of Schools
- Director of School Administration
- Director of Curriculum
- Registrar
- Supervisor of Industrial Arts
- Supervisor of Home Economics
- Supervisor of Guidance
- Supervisor, Teachers' Service Bureau
- Field Administrative Officer
- Canadian Vocational Training
- School Buildings Branch
- Audio-Visual Aids Branch
- School Grants Branch
- Examinations Branch
- High School Inspectors
- School Book Branch
- Manager
- School Orders
- Dealer Orders
- Correspondence School Branch
- Director
- High School Section
- Intermediate Section
- Elementary Section
- Co-ordinator of School Broadcasts

Executive Council

- Clerk, Executive Council

Health, Department of:

- Minister
- Deputy Minister
- Provincial Sanitary Engineer
- Provincial Sanitary and Plumbing Inspectors
- Director of Communicable Diseases
- Supervisor of Municipal Hospitals
- Director of Public Health Nursing
- Director of Public Health Education
- Civil Service Nurse
- Director of Hospital and Medical Services
- Director of Health Survey Committee
- Division of Mental Health
- Guidance Clinic Psychiatrist
- Guidance Clinic Social Workers

1919

1919

1919

1919

1919

1919

1919

1919

1919

1919

1919

1919

1919

- (22) Entomologist
Nutritionist
Bureau of Vital Statistics
Deputy Registrar General, Bureau of Vital Statistics
Provincial Bacteriologist
Tuberculosis Clinic
Division of Social Hygiene
Director
Supervisor
Director Cancer Clinic
- Industries and Labour Department of:
Minister
Deputy Minister
Fuel Oil Licensing
Code Administrator
Trade License Branch
Industrial Wages Security Act
- Board of Industrial Relations
Chairman
Board Members
Chief Inspector
- Co-op and Credit Union Supervision
Supervisor
Deputy Supervisor, Co-ops
Deputy Supervisor, Credit Unions
- Tradesmen's Qualification Act
Chairman, Examining Board
- Provincial Apprenticeship Board
Chairman
Director
- Provincial Marketing Board
Chairman
Supervisor of Operations
Surplus Properties and Materials
- Bureau of Statistics
Statistician
- Insurance Company of Alberta
- King's Printer's Office
King's Printer
Acts
Gazette and Proofs
Typewriter and Adding Machine Service
Mimeographing
Bindery and Press Room
- Lands and Forests, Department of
Minister
Deputy Minister
Departmental Solicitor
Accounts Division
Edmonton Land District Inquiries
Provincial Lands Division
Public Lands Division
Grazing and Community Pastures
Registrar

(22) Lands and Forest Continued

Forests Division
Director of Forestry
Chief Timber Inspector
Radio Superintendent
Forest Radio Service Station
Fish and Game Commissioner
Superintendent of Game
Superintendent of Fisheries
Superintendent, Technical Division

Legislative Assembly
Clerk of Legislative Assembly

Library Legislative Building
Chief Librarian

Lieutenant-Governor's office, Legislative Building
Lieutenant-Governor

Mines and Minerals, Department of:
Minister
Deputy Minister
Departmental Solicitor
Statistician
Accounts Division
Mines Division
Director of Mining
Assistant Chief Inspector of Mines
Electrical Inspector of Mines
Minerals Rights Division
Director of Mineral Rights
Supervisor of Leases
Mineral Taxation Div., Chief Assessor
Land Titles Office
Superintendent Technical Division

Municipal Affairs, Department of:
Minister
Deputy Minister
Director of Assessments
Chief Municipal Inspector
Tax Accounts
Tax Recovery Officer
Supervisor of Field Service
Special Areas

Premier's Office
Premier
Executive Secretary
Secretaries

Provincial Secretary, Department of:
Provincial Secretary
Deputy Provincial Secretary
Registrar of Companies
Company Fees
Fuel Oil Tax Branch
Motor Vehicle Branch
Supervisor
Accidents and Financial Responsibility

Amusements Branch
Chairman, Board of Censors
Motion Picture Theatre
Theatre Inspector
Amusement Tax

1. The first part of the paper is devoted to the study of the

properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in [0, \infty)$. It is shown that the function $f(x)$ is

$$f(x) = \arctan x$$

and that the function $f(x)$ is strictly increasing on the interval

$[0, \infty)$. The second part of the paper is devoted to the study of the

properties of the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in [0, \infty)$. It is shown that the function $g(x)$ is

$$g(x) = \arctan x$$

and that the function $g(x)$ is strictly increasing on the interval

$$[0, \infty)$$

The third part of the paper is devoted to the study of the

properties of the function $h(x)$ defined by the equation

$$h(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in [0, \infty)$. It is shown that the function $h(x)$ is

$$h(x) = \arctan x$$

and that the function $h(x)$ is strictly increasing on the interval

$$[0, \infty)$$

- (22) Insurance Branch and Fire Commissioners Office
Superintendent of Insurance and Fire Commissioner
Deputy Superintendent of Insurance
Licensing Officer
Deputy Fire Commissioner
General Office and Inspectors

Public Welfare, Department of:
Minister
Deputy Minister
Secretary-Controller
Accounts Branch

Hospital, Medical and Relief Services Branch
Supervisor
Investigators

Veterans' Welfare Commission
Chairman

Single Men's Branch
Director
Manager, Old Immigration Hall

Metis Rehabilitation Branch
Supervisor
Inspector

Child Welfare Branch
Superintendent
Inspectors (6)

Juvenile Court, Provincial Building
Judge

Mothers' Allowance Branch
Superintendent
General Office

Old Age Pensions Branch
Superintendent

Public Works, Department of:
Minister
Deputy Minister
Accounting Branch
Buildings and Maintenance Branch
Superintendent of Buildings
Supervisor of Maintenance
Demolition Project
Director of Services, Parliament Building
Guards, Parliament Building
Freight and Traffic Branch
Supervisor
Highways, Bridges and Ferries Branch
Highway Commissioner
Chief Construction Engineer
Superintendent of Maintenance
Office Engineer
Bridge and Asphalt Engineers
District Engineers Roads Branch
Testing Laboratory
Highway Traffic Board
Chairman
Secretary
Records, Searches, Insurance
Inspectors
Mechanical Branch
Mechanical Superintendent

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5408 S. UNIVERSITY AVE.
CHICAGO, ILL. 60637

()

RECEIVED
JAN 10 1964

FROM
JAN 10 1964

TO

FROM

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

TO

Asst. Chief Boiler Inspector
Chief Factory Inspector
Local Boiler Inspectors
Chief Welding Examiner
Electrical Inspectors
Surveys and Town Planning
Director
Technical Assistant, Surveys
Technical Assistant, Town Planning
Leases and Permits
Compensation
Oil Sand Project
Superintendent
Right of Entry Arbitration Act
Board of Arbitration
Chairman

Telephones, Department of:

Minister
Deputy Minister and General Manager
Personnel Manager
Controller
Accounting Supervisor
Commercial Department
Commercial Superintendent
Commercial Methods Supervisor
Connecting Company Commercial Supervisor
District Commercial Supt., Northern District
Long Distance Accounts
Plant Department
General Plant Superintendent
Purchasing Agent
Order Clerk and Local Buyer
Connecting Company Plant Supervisor
Construction Supervisor
District Plant Superintendent
Engineering Department
Chief Engineer
Outside Plant Engineer
Equipment Engineer
Transmission Engineer
Traffic Department
General Traffic Superintendent
Traffic Engineer
District Traffic Superintendent
District Instructress

Radio Station C.K.U.A.

Treasury, Department of:

Provincial Treasurer
Deputy Provincial Treasurer
Savings Certificate Branch
Income Tax Branch
Co-operative Credits Branch
Industrial Development Corporation
Chairman
Purchasing Agency
Director
Supervisor
Tenders
Petroleum Products
Automotive Equipment and Supplies
Building Supplies

(22) Treasury, Continued

Treasury Branches
Edmonton Branch, Jasper Avenue
South Edmonton Branch
Calder Branch
Superintendent
Investment Manager
Chairman, Loans Committee
Chief Inspector

Utility Commissioners (Board of Public)
Chairman
Commissioners
Secretary
Auditor
Milk Supervisor

Water Resources and Irrigation, Department of:
Minister
Director of Water Resources
Chief Engineer Water Resources
Water Power Engineers

Workmen's Compensation Board
Chairman
Secretary

Municipal Offices and Services
General Inquiry Office
City Architect and Building Inspector
Plumbing and Gas Inspector
Supervisor of Building Maintenance

Assessor and Tax Collector's Dept:
Assessor and Tax Collector
South Side Office

City Clerk Dept:

Civic Relief Dept.
Supervisors (2)

Children's Aid Dept.
Supervisor's (3)
Shelter
Boys' Home

Commissioners
Mayor
Commissioners (2)
Industrial Commissioner

Comptroller's Dept.
City Comptroller

Edmonton Exhibition Association
Superintendent of Grounds

Edmonton Transit System
Superintendent
Electrical Engineer
Chief Inspector
Gas Bus Division
Street Car Advertising

Electric Light and Power Dept.
Superintendent

• •

... ..

5. *Ch. 10*

•

 r_1

4. 2. 2.

1. 2. 3. 4.

1921

1 2 3

• 1

•

• •

!

.

•

2

•

3

!

(22)

Chief Engineer
Wiring Inspector

Emergency Housing Bureau
Employment Bureau

Engineer's Dept.
City Engineer
Asst. City Engineer
Construction Engineer
City Development Engineer
Paving Plant
No. 1 Sewage Disposal Plant
South Side Sewage Disposal Plant
Incinerator

Fire Department
Chief
Fire Stations (5)

Garage Dept.
Superintendent
Stock Room

Health Board
Medical Officer of Health
Inoculation Clinic
Secretary and General Office
Dairy and Food Inspector
Health Inspectors
Chief Health Inspector
Chemist
Well Baby Clinic

Land Dept. (City)
Superintendent
Garden Lot Rentals

Legal Department
City Solicitor
Claims Agent

License and Collection Dept.
Public Market, Market Scales.

Parks Dept.
Superintendent

Police Department
Police Headquarters
No. 2 Station (South Edmonton)
No. 3 Station (North Edmonton)
Calder Sub-Station
Exhibition Grounds Sub-Station
Traffic Office
City Pound
Chief Constable

Power Plant Department
Power Pumping and Filtration Plants
Superintendent
Engineer
Chemical Laboratory

1970-1971

1972

1973-1974

1975-1976 (1977)

1977-1978 (1979)

1979-1980 (1981)

1981-1982 (1983)

1983-1984 (1985)

1985-1986 (1987)

1987-1988 (1989)

1989

1990-1991

1991-1992 (1993)

1993-1994 (1995)

1995-1996 (1997)

1997

(22) Recreation Commission
Superintendent of Recreation

Stores Department
Purchasing Agent

Telephone Department
Superintendent
Chief Operator
Contract Dept.
Directory Dept.

Treasurer's Dept.
City Treasurer

Waterworks Department
Superintendent
Engineering
Meter Dept.

Stony Plain Municipal District No. 84 office
5615-154 St. Tel. 84757

Strathcona Municipal District No. 83 office
10430-81 Ave. Tel. 31607

Sturgeon Municipal District No. 548 office
25 Bank of Montreal Building. Tel. 26303

Barrhead School Division No. 50 office
11223-127 St. Tel. 83721

Clover Bar School Division No. 13 office
10430-81 Ave. Tel. 22447

Sturgeon School Division No. 24-37 Garlepy Blk.
Tel. 26221

(23) HEALTH SERVICES
Federal Services

Charles Camsell Indian Hospital 114 Ave. & 128 St. Tel. 84841. This hospital is operated by the Indian Health Service which is a division of the federal department of National Health and Welfare.

It is primarily for the treatment of treaty Indians having T. B. Indians from Alberta, Northern B. C., N.W.T., and the Yukon; also Eskimos from the Western Arctic and white indigents from the Territories are treated in this hospital.

There are 450 beds and a staff of 250.
The medical staff consists of:-

- 1 Director Physician
- 8 Medical Officers
- 4 Lab. Technicians
- 3 X-Ray "
- 1 Matron
- 2 Asst. Matrons
- 51 Nurses
- 11 Nursing Orderlies
- 51 Nurses Aides
- 2 Dieticians

Food and Drug Division: 301 Williamson Bldg.,
1 Inspector Tel. 27682

Health of Animals Div. South Edmonton Post Office
Bldg.

1 Asst. Chief Inspector

• • •

•

1.

- i

100

1

• • • • •

• •

(23) HEALTH Continued-

Meat Inspection in Packing Plants

13 Veterinarian Inspectors
31 Lay Inspectors

Field Inspectors

6 Veterinarian Inspectors
5 Veterinarian Inspectors (Part time)
5 Lay Inspectors

Public Health Engineering Division: 302 Williamson
Building. Tel.
2 Sanitary Engineers 27577

Fruits and Vegetables Div: 205 Northern Bldg.
Tel. 27686
2 Inspectors

Dairy Products Div: New Immigration Hall 100 St.
Tel. 22204

1 Western Supervisor
3 Dairy Produce Graders
1 Inspector of Dairy Products

Provincial Health Services

Control Headquarters for the Province, Administration
Building

Div. Tuberculosis Control Clinic (Edmonton)

Operates a tuberculosis clinic which is located
in the Edmonton General Hospital. The staff consists
of:-

5 Physicians
1 Dentist (Part time)

Aberhart Memorial Sanatorium, now under construction,
will have 300 beds for tuberculosis patients when
completed.

Bureau of Vital Statistics, Alberta, Jasper Bldg.
Tel. 24205.

Div. of Social Hygiene and Provincial Venereal Disease
Clinic

1 full time physician Provincial Building
1 part time physician 101a Ave. & 101a St.

Div. of Mental Health - Oliver Mental Hospital - 10
miles east of the city.

6 physicians who are qualified psychiatrists,
1,300 beds.

Child Guidance Clinic - 10523 - 100 Ave.

1 doctor - child psychiatrist
4 staff who are trained psychologists and
social workers

(23) Provincial Laboratory of Public Health - University of Alberta.

The resources of the University are made available for the operation of this laboratory. New laboratory under construction adjoining the University Hospital.

Division of Cancer Services - Cancer Diagnostic Clinic

1 full time physician director
7 part time physician specialists

Division of Entomology - Laboratory

There is accommodation for 204 patients in three city hospitals, through agreement the provincial department of health has made with these three hospitals. All Alberta citizens are entitled to receive free treatment for tuberculosis.

University hospital provides a general hospital service. On the completion of the new wing now under construction this hospital will accommodate approximately 1000 patients. The University outdoor clinic is located in the Provincial Building.

University Hospital - Edmonton South. Tel. 28171
Operated by a board of six members; Three members of the board are appointed by the University Governors, and three members are appointed by the Government of Alberta.

	<u>No. of beds</u>	
General	595	- 240 beds are contained in the Colonel Mewburn Hospital for the D.V.A.
T. B.	20	
Baby accommodation	30	
Total	<u>645</u>	

This hospital is a teaching institution for medical students, and degree courses in nursing. It is also a training school for registered nurses.

There is at present under construction, a new wing that will be completed early in 1951; when completed it will accommodate 330 patients for general treatment and have a reception unit for 20 mental patients.

Municipal Services

Royal Alexandra Hospital - 102 St. and 111 Ave. Tel. 21171
Owned and operated by the City Hospital Board.

	<u>No. of beds</u>
General	415
T. B.	37
Chronic	60
Isolation	43
Baby Accommodation	<u>75</u>
Total	630

This hospital is a training school for medical students and registered nurses.

- (23) General Hospital - Jasper avenue between 111 and 112 St.
Telephone 24131
Operated by the Gray Nuns of Montreal.

	<u>No. of beds</u>
General	278
T. B.	141
Baby Accommodation	34
Total	<u>453</u>

This hospital is a training school for medical students and registered nurses.

- Misericordia Hospital - 111 St. and 98 Avenue,
Telephone 28106
Operated by the Sisters of Misericordia of Montreal.

	<u>No. of beds</u>
General	248
Baby Accommodation	58
Total	<u>306</u>

This hospital is a training school for medical students and registered nurses.

- St. Joseph's Hospital - 107 St. and Whyte Avenue
Telephone 35831
Operated by the Sisters of Providence

	<u>No. of beds</u>
Chronic	215

- Beulah Home and Baby Cottage - 101 St. and 184 Avenue
Telephone 71086
Operated by a Board of Directors who are appointed by the public at an annual meeting.

Dormitory beds	35
Hospital beds	6
Baby Accommodation	41
Total	<u>82</u>

Local Board of Health (including School Medical Services)

- 1 Medical Health Officer
- 2 Part-time Physicians
- 1 Veterinarian
- 17 Nurses
- 8 Sanitarians
- 1 Laboratory Technician

Physical examination and immunization of babies, pre-school and school children is carried out.

Supervision of general sanitation and sanitation of all food handling establishments is maintained.

Enforcement of all provincial health regulations and local health by-laws, including quarantine regulations, is a duty of this department.

[illegible]

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

Figure 1

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

[illegible]

1

1

Number of hauls	<i>P. setiferus</i> (%)	<i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%)	<i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%)
1	10	10	0
2	20	20	0
3	30	30	0
4	40	40	0
5	50	50	0
6	60	60	0
7	70	70	0
8	80	80	0
9	90	90	0
10	100	100	0

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

© 2000 John Wiley & Sons, Inc.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed. 2. The second step is to set goals. These should be specific, measurable, achievable, relevant, and time-bound. 3. The third step is to develop a plan. This involves identifying the resources needed and the steps to be taken. 4. The fourth step is to implement the plan. This involves putting the plan into action and monitoring progress. 5. The fifth step is to evaluate the results. This involves comparing the actual results with the goals and making adjustments as needed.

• • • • •

→

• • •

•

$\mu_{\text{H}_2} = \frac{1}{2} \left(\mu_{\text{H}} + \mu_{\text{H}} \right) = \mu_{\text{H}}$

1

• • •

Health continued

- 36 -

(23)

Expenditure

	<u>1948</u>	<u>1949</u>
Revenue	\$69,408.89	\$71,389.72
	<u>5,328.74</u>	<u>5,214.90</u>
	\$64,080.15	\$66,174.82

Cost per capita \$0.41

Summary of Statistics

	<u>1949</u>	<u>1948</u>	<u>1947</u>	<u>1946</u>
Population.....	137,469	126,609	118,541	114,976
Persons per acre				
of land...	5.0	4.7	4.4	4.2
Cost per Capita...	.41	.51	.45	.44
School Enrolment..	21,452	19,859	19,071	18,988
Natural increase				
of population.....	3,282	2,935	2,920	2,283
Total Births.....	6,514	5,928	6,019	5,455
Resident births				
only.....	4,246	3,938	3,838	3,251
Rate per 1,000 pop-				
ulation.....	30.8	31.1	32.3	28.2
Total stillbirths.	97	90	109	82
Resident stillbirths				
only.....	57	54	62	51
Rate per 1,000 births	13.4	13.7	16.1	15.7
Total deaths.....	1,566	1,609	1,482	1,576
Resident deaths				
only.....	964	1,003	918	968
Rate per 1,000 pop-				
ulation.....	7.0	7.9	7.7	8.4
Total deaths under				
1 yr. of age.....	161	204	201	197
Resident deaths under				
1 year of age.....	99	126	123	111
Rate per 1,000				
living births.....	23.3	31.9	32.0	34.1
Maternal deaths				
(city only).....	2	1	1	5
Rate per 1,000				
births.....	.47	.25	.27	1.5
Marriages.....	2,539	2,490	2,374	2,205
Rate per 1,000 pop-				
ulation.....	18.4	19.6	20.2	19.1

Victorian Order of Nurses - 10280 - 100 St.
Telephone 23522

This is a national organization with self-supporting units in various communities.

They provide a visiting nursing service to anyone, provided they are under the care of a registered physician.

The charges are \$1.25 per visit, but no charge is made for old age pensioners, etc.

There are three qualified nurses with public health training, and each nurse is provided with a car.

The local organization receives support from the Community Chest Organization.

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

7. 2

11.1.2.

1

(continued)

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

100

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971). The *Chlorophyll a* and *Chlorophyll b* contents were expressed as $\mu\text{g/g}$ of dry weight.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent standard deviation.

• • • • •

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu UV-160U ultraviolet-visible spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$ of the sample.

(23) Prepaid Medical Services

Voluntary prepaid hospitalization is provided by the Blue Cross, and voluntary prepaid medical services by Medical Services (Alberta) Inc.

Nurses advertising their services 77
Nurses Registry-Alberta Association of Registered
Nurses - 10026 - 102 Street. Telephone 21681
Nurses' and Doctors' Community Service 30 Churchill Bld.
Telephone 22794

Nursing Homes - 8

Physicians - (private practice) 230
Specialists

| | |
|----------------------------------|-----|
| Eye, ear, nose and throat | 4 |
| Ear, nose and throat | 2 |
| Eye | 5 |
| Osteopathic physicians | 2 |
| Dentists | 100 |
| Chiropractors (licensed) | 18 |
| Chiropodists | 7 |
| Optometrists | 31 |
| Physio-Therapists | 7 |
| Veterinary Surgeons | 5 |
| Veterinary Hospitals | 3 |
| Turkish Baths | 3 |
| Drug Stores | 79 |
| Herbalists | 3 |
| Vita Bars | 2 |
| Private Ambulance service | 2 |
| Clinical Laboratories | 2 |
| St. John's Ambulance Association | |
| Masseurs | 5 |
| Artificial Limb Manufacturer | 1 |
| Dental Laboratories | 17 |

(24) PROFESSIONAL AND SKILLED PERSONAL SERVICES
(not including health services)

| <u>Type of Service</u> | <u>No. of Establishments</u> |
|--------------------------------------|------------------------------|
| Architects..... | 18 |
| Artists (Commercial)..... | 9 |
| Auditors and Public Accountants..... | 70 |
| Barristers and Solicitors..... | 94 |
| Beauty Parlors and Barber Shops..... | 202 |
| Gunsmiths..... | 5 |
| Handbag Repairs..... | 1 |
| Instrument Repairs..... | 2 |
| Jewellers and Watch Repairs..... | 42 |
| Lapidary..... | 1 |
| Lighter (Pocket) Repairs..... | 1 |
| Locksmiths..... | 1 |
| Patent Attorneys..... | 1 |
| Public Stenographer..... | 13 |
| Radio Repairs..... | 24 |
| Rug Repairs..... | 2 |
| Sewing Machine Repairs..... | 4 |
| Shoe Repair..... | 16 |
| Taxidermists..... | 1 |
| Toy Repairs..... | 1 |
| Upholstered Furniture Repairs..... | 1 |
| Window Cleaners..... | 4 |

(25) TRANSPORTATION

Edmonton is a divisional point on the transcontinental line of the Canadian National Railway, the northern terminus of the Canadian Pacific Railway and the southern terminus of the Northern Alberta Railway. These railways serve the following points:-

Canadian National Railways

Edmonton to Wainwright, Saskatoon and Regina
Edmonton to Wainwright, Saskatoon and Waterous
Edmonton to Calgary via Camrose and Drumheller
Edmonton to Calgary via Camrose and Mirror
Edmonton to Vegreville, Lloydminster and Saskatoon
Edmonton to Edson, Jasper and Vancouver
Edmonton to Edson, Jasper Prince George and Prince
Rupert
Edmonton to Whitecourt
Edmonton to Bonnyville, St. Paul and Heinsburg

Canadian Pacific Railways

Edmonton to Saskatoon via Wetaskiwin and Camrose
Edmonton to Calgary
Edmonton to Vegreville and Lloydminster
Edmonton to Stettler and Coronation via Lacombe
Edmonton to Winfield via Leduc

Northern Alberta Railways

Edmonton to Dawson Creek via McLennan and Grande
Prairie
Edmonton to Hines Creek via McLennan and Peace River
Edmonton to Waterways via Lac la Biche.

Northern Transportation Company Limited, 10167 - 99 St.

This company serves all points north of Waterways on the Athabasca River and Lake Athabasca, Slave River, Great Slave Lake, Mackenzie River to the Arctic Ocean, Bear River and Great Bear Lake.

There is a fully modern airport owned and operated by the city that covers 750 acres and has a privately owned airplane manufacturing and repair plant with ramps connecting with the runways. This airport has three concrete runways 200 ft. wide whose lengths are 5900 -5700 and 4500 feet. All runways, ramps, and taxi strips are made of concrete. The airport is lighted by intensive lighting and is equipped with instrument landing system and ground control approach (radar). There are 16 hangars; seven are controlled by the city; the other nine are controlled by private firms and the R.C.A.F. This airport is the terminal for the following air lines;

Trans-Canada Airlines.

Serving all parts of Canada, with an Atlantic service that serves Bermuda, the Bahamas, Florida and Europe.

Canadian Pacific Airlines.

Serving the whole area north of Edmonton, which includes the Yukon, North West Territories and Alaska. They also have a Pacific service that serves Australia and the Orient.

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

1917

(25) Continued -

North West Air Lines. U.S.A.

Serving New York, Minneapolis, Edmonton, Alaska and the Orient.

Western Airlines. (U.S.A.)

Serving Los Angeles, Denver, Salt Lake City and Great Falls with Edmonton the northern terminus.

All the above are time schedule flights.

Local companies undertaking charter flights are as follows:-

Associated Airways
Western Airmotives
Arctic Air Lines
United Aviation Company
McMillan Aerial Photo Services

Crown Companies

Royal Canadian Mounted Police
Royal Canadian Air Force

Private Companies

Eldorado Mines
Hudson's Bay Company

There are also numerous oil companies and drilling companies who use this airport as a base for their operations.

This airport is headquarters for the Edmonton Flying Club.

There is an auxiliary airport controlled by the city at Cooking Lake, 25 miles east of Edmonton on No. 14 Highway, for the accommodation of planes using floats for landing gear.

There is also the R.C.A.F. aerodrome 8 miles north of the city which is controlled by the Department of National Defence. This aerodrome covers an area of 4 square miles and has concrete runways designed to receive the heaviest planes.

There is a spacious modern bus depot which serves as the terminal for the following bus lines:

Greyhound Bus Line

Edmonton to Calgary and points south
Edmonton to Saskatoon and points east
Edmonton to Jasper
Edmonton to Drumheller via Lacombe and Stettler
Edmonton to Rimby and Bluffton via Lacombe.

Sunburst Motor Coaches

Edmonton to Wainwright and Chauvin
Edmonton to Macklin via Wetaskiwin and Camrose
Edmonton to Winfield via Wetaskiwin

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

● **■**

1000

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. *Chlorophyll a* (Chl *a*)

[illegible][illegible]

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

• • •

11. *Chrysomelidae* (10 spp.)

•

(25) Continued -

Edmonton to Cold Lake via St. Paul
Edmonton to Boyle via Redwater and Newbrook

Canadian Coachways Limited

Edmonton to Dawson Creek via High Prairie and Grande
Prairie
Edmonton to Fairview via High Prairie and Peace River
Edmonton to Mayerthorpe
Edmonton to Lac la Nonne
Edmonton to Breton via Devon

Northland Arrow Lines

Edmonton to Fort Assiniboine via Westlock and Barrhead

Highway Coach Lines

Edmonton to Myrnam via Bruederheim, Andrew and Two Hills

Shaw's Tomahawk Bus Line

Edmonton to Tomahawk via Duffield and Highvale

Beverly Bus Line

Edmonton to Beverly

Diamond Bus Line

Edmonton to Jasper Place

Taxi Service

Operators 36
Cabs 183

Edmonton Transit System (City Owned)

| | <u>Number</u> | <u>Route Miles</u> |
|--------------------------|---------------|--------------------|
| Street Cars | 43 | 7.1 |
| Trolley Buses | 92 | 21.0 |
| Gas Buses | 40 | 21.5 |
| Route Miles Served Total | | <u>49.6</u> |

| <u>Year</u> | <u>Passengers Carried</u> |
|-------------|---------------------------|
| 1946 | 36,613,257 |
| 1947 | 36,427,414 |
| 1948 | 36,878,661 |
| 1949 | 36,835,825 |

Fares

Cash fare 10¢
Adult tickets 14 for \$1 or 3 for 25¢
Children 14 years and under 10 for 25¢
After 12.30 a.m. 15¢ cash or two adult tickets
These fares include transfer privileges on all E.T.S. routes. It is expected the whole system will be converted to gas and trolley buses by 1951.

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

1.000

(25) Continued -

Truck Depots.

| | |
|-------------------------------------|--|
| Canadian Freightways Ltd. | 114 St. and 103 Avenue,
Telephone 24074 |
| Central Truck Depot | 10256 - 107 Street
Telephone 21810 |
| Leland Truck Depot | 10351 - 102nd Street
Telephone 41231 |
| North West Truck Depot | 6123 - 129th Avenue
Telephone 72125 |
| Northern Freightways Co.
Limited | 10531 - 117 Street
Telephone 23730 |
| Soo Freight Lines Ltd. | 10256 - 107th Street
Telephone 20593 |
| Truckers Terminal Ltd. | 10959 - 102nd Street
Telephone 28579 |
| United Truck Depot | 9009 - 112th Avenue
Telephone 75668 |

Truck Hauling Contractors- 17

Trucking Service Establishments-132

There are also numerous truckers located in the surrounding communities that provide truck service between these communities and the city.

(26) NEWSPAPERS

| | <u>Circulation, June 30th, 1950</u> |
|---------------------------|-------------------------------------|
| Daily - Edmonton Bulletin | 28926 |
| Daily - Edmonton Journal | 55000 |

Weekly

Community Publications (20 weekly country papers)
La Survivance
People's Weekly
South Edmonton Sun
South Edmonton Weekly News
Ukranian News
Western Catholic
Bi-Monthly - Canadian Social Creditor.

(27) COMMUNICATIONS

Canadian National Telegraphs
Canadian Pacific Telegraphs
Alberta Government Telephones
City of Edmonton Telephones
Northwest Communication System
Post Office with Postal Delivery
Air Mails

Radio Stations

Watts

| | |
|-----------------------------------|------|
| CFRN | 5000 |
| CHFA | 1000 |
| CJCA | 5000 |
| CKUA | 1000 |
| Radio Amateurs licensed in city - | 125 |

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

1975-1976

(28) FINANCIAL FACILITIES

| | <u>No. Branches</u> |
|---------------------------|---------------------|
| Alberta Treasury | 3 |
| Bank of Montreal | 4 |
| Bank of Nova Scotia | 3 |
| Bank of Toronto | 3 |
| Canadian Bank of Commerce | 5 |
| Dominion Bank | 2 |
| Imperial Bank of Canada | 5 |
| Royal Bank of Canada | 6 |
| Co-op Credit Unions | 40 |
| Loan Companies | 10 |

(29) HOTELS

| <u>Name</u> | <u>Address</u> | <u>Licensed
for Beer No.</u> | | <u>Single Rate</u> |
|----------------------------|------------------------|----------------------------------|--------------|--------------------|
| | | <u>Sales</u> | <u>Rooms</u> | |
| Airlines Municipal Airport | Airport | No | 45 | \$5.00 per day |
| Airport | 120 St. and 127 Ave. | Yes | 39 | 1.50 and up |
| Alberta | 98 St. and Jasper Ave. | Yes | 65 | 1.50 and up |
| Arlington | 10262 - 98 Street | No | 41 | 1.50 and up |
| Astor | 9644 - 103 A Ave. | No | 61 | 1.50 and up |
| Castle | 10331 - 102 Street | No | 74 | 1.25 and up |
| Cecil | 10406 - Jasper Avenue | Yes | 60 | 2.25 and up |
| Commercial | 10329 - 82 Avenue | Yes | 45 | 1.75 and up |
| Corona | 10625 Jasper Avenue | No | 135 | 2.50 and up |
| Dominion | 10054 - 100 Street | No | 30 | 2.00 and up |
| Empire | 10246 - 96 Street | Yes | 44 | 1.50 and up |
| Gateway | 10038 - 106 Street | No | 32 | 2.00 and up |
| Grand | 10266 - 103 Street | Yes | 78 | 2.00 and up |
| Guest | 10141 - 105 Street | No | 21 | 2.00 and up |
| Home | 9645 - 103 Avenue | No | 58 | 1.75 per day |
| Hub | 9692 - Jasper Avenue | Yes | 55 | 1.75 and up |
| International | 10334 - 96 Street | Yes | 42 | 1.25 and up |
| King Edward | 10180 - 101 Street | Yes | 78 | 2.00 and up |
| Leland | 10351 - 102 Street | Yes | 60 | 2.50 and up |
| Lincoln | 10266 - 102 Street | Yes | 86 | 2.00 and up |
| Macdonald | 100 Avenue & 100 St. | Yes | 185 | 4.50 and up |
| New Edmonton | 101a Ave & 97 Street | Yes | 48 | 2.00 and up |
| Queen's | 9733 - Jasper Avenue | Yes | 63 | 1.50 and up |
| Ritz | 10346 - 97 Street | Yes | 65 | 1.75 and up |
| Roseberry | 10142 - 105 Street | No | 65 | 2.00 and up |
| Raymond | 10445 - 82 Avenue | No | 45 | 1.00 and up |
| Royal George | 10229 - 101 Street | Yes | 107 | 2.25 and up |
| Selkirk | 101 Street & Jasper | Yes | 67 | 2.50 and up |
| Star | 10220 - 96 Street | No | 36 | 1.75 and up |
| Strathcona | 10302 - 82 Avenue | Yes | 45 | 2.00 and up |
| St. Elmo | 10158 - 98 Street | No | 49 | 1.00 and up |
| St. Regis | 10339 - 101 Street | Yes | 43 | 1.00 and up |
| North Edmonton | | | | |
| Hotel Ltd. | 12720 Fort Road | Yes | 35 | 2.00 and up |
| Villa Laurier | 9937 - 108 Street | No | 32 | 1.50 and up |
| Yale | 10015 - Jasper Avenue | Yes | 38 | 2.75 and up |
| York | 10401 - 96 Street | Yes | 54 | 2.00 and up |

1. General (1)

2. General (2)

3. General (3)

4. General (4)

5. General (5)

6. General (6)

7. General (7)

(30) TOURIST CAMPS

| <u>Name</u> | <u>Number
of Cabins</u> | <u>Classification</u> |
|---------------------------|-----------------------------|-----------------------|
| Alaskan Auto Court | 18 | A |
| Acre Auto Court | 7 | 3-B, 4-C |
| Capital Auto Court | 14 | A |
| Dunn's Auto Court | 6 | A |
| Edmonton Auto Court | 58 | 30-A, 28-C |
| Forest Heights Auto Court | 12 | A |
| Kingsway Cabins | 20 | A |
| Linda's Auto Court | 6 | A |
| North Star | 24 | A |
| Pan American | 32 | A |

Lodges

| | |
|------------------|--------------------|
| Ambassador Lodge | 8525 - 109 Street |
| Avanlea Lodge | 9944 - 107 Street |
| Fort Garry Lodge | 10171 - 105 Street |
| Greenlodge Lodge | 10239 - 124 Street |
| Tourist Lodge | 11530 - 100 Avenue |
| Trade Wind Lodge | 10016 - 108 Street |

(31) CHURCHES

| <u>Name</u> | <u>Number</u> | |
|---------------------------|---------------|---------------------|
| Anglican | 14 | Including Cathedral |
| Baptist | 9 | |
| Catholic (Roman) | 20 | Including Cathedral |
| Catholic (Ukranian-Greek) | 4 | Including Cathedral |
| Greek Orthodox | 2 | |
| Jewish | 3 | |
| Lutheran | 7 | |
| Mormon | 2 | |
| Presbyterian | 5 | |
| Ukranian Orthodox | 1 | |
| United | 12 | |

Others

Assembly of God Missionary Fellowship
 Baha'i World Faith
 Beulah Tabernacle
 British Israel
 Central Church of Christ
 City Temple of Spiritualism
 Christian Science Church
 Edmonton Gospel Temple
 First Church of the Nazarene
 Foursquare Church
 Friends of Israel Centre
 Gospel Hall
 Gospel Lighthouse
 Hope Mission
 Mohama Mosque of Al Raschid
 Pentecostal Tabernacle
 Seventh Day Adventists

(32) LODGES

B'Nai B'rith
 Eagles
 Elks
 Foresters
 I.O.O.F.

ORIGINAL ARTICLES

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

SYMPTOMS OF

(32) Lodges, Continued -

| | |
|---------------------|-----------------------|
| Knights of Columbus | L.O.B.A. Western Rose |
| Knights of Pythias | Maple Leaf Rebekah |
| Macabees No. 8 | Moose (Women's) |
| Masons | Northern Star No. 90 |
| Moose | Pride of Alberta |
| Orange | Queen of Alberta |
| Vasa Lodge | Rebekah No. 25 |
| Empress of the West | Royal Purple |
| Jewell Rebekah | |
| Lady Strathcona | |
| Loyal Star I.O.O.F. | |

UNIONS

The Trades and Labour Council, 10006-100 St., represents the Alberta F. of L., the T.L.C. and American F. of L.

The Edmonton Labour Council 9319-108A Ave., represents the C.C.L. and C.I.O.

The following unions are represented in the city:-

A. F. Musicians #390
Amalgamated Building and Construction Workers
Bakery Workers #276
Beverage Dispensers #579
Bricklayers Local #1
Bookbinders #188
Barbers Local #227
Brewery Workers #244 and 257
Boilermakers #279
Blacksmiths #546
Building Trades Council
Boilermakers #146
Building Service Workers' International #323
Brotherhood of Locomotive Engineers
Brotherhood of Firemen to Engineers
Civic Service Union #52
Civics #30
Carpenters #1325
Electrical Workers #1007
Electrical Workers #424
Farmers Union of Alberta
Firefighters #209
Garment Workers #120
Garment Workers #186
Hotel Service Workers #269
Hotel and Restaurant Employees #667
Hospital Employees #41
I. U. Operating Engineers #857
I. U. Operating Engineers #955
Ironworkers Union #720
I. A. Machinists #1579
Laundry Workers #164
Laborers' Union #92
M.P. Projectionists #371
Macdonald Hotel Workers #93
Maintenance of Way #95
Machinists #1722
Machinists #817
Order Railway Conductors, Biggar Lodge

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

2. The second part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the chairperson. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

3. The third part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the secretary. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

4. The fourth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the treasurer. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

5. The fifth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the clerk. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

6. The sixth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the recorder. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

7. The seventh part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the auditor. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

8. The eighth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the assessor. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

9. The ninth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the collector. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

10. The tenth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the treasurer. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

11. The eleventh part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the clerk. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

12. The twelfth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the recorder. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

13. The thirteenth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the auditor. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

14. The fourteenth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the assessor. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

15. The fifteenth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of the collector. The names are listed in alphabetical order, and the addresses are listed in the order in which they appear in the list.

(32) Unions, Continued -

Order Railway Conductors, Lodge No. 591
Order Railway Conductors, Edson Lodge No. 674
Order Railway Conductors, Lodge No. 793
Order Railway Trainmen, Lodge No. 861
Printing Specialties
Plumbers #488
Plumbers & Steamfitters #685
Painters #1016
Printing Pressmen #255
Railway & Steamship Clerks #648
R.S.C.P. of N.A.R.
Street Railwaymen #569
Stonecutters Local #1
Sheet Metal Workers #271
Soft Drink Workers #260
Teamsters #514
Typo Union #604
Truckers #19
Union of Elevator Const. #122
United Packing House Workers of America
Woodpreservers #2568

(33) CLUBS AND SOCIAL SERVICES

Council of Social Agencies 10128 - 98 Street,
Telephone 27378

To facilitate co-operation between agencies and organizations in the city interested in social welfare problems and in seeking joint action for social betterment. Council activities are primarily directed towards understanding the nature and extent of unmet needs, and planning to meet them, preventing duplication, and improving the quality and distribution of welfare services: 60 member organizations.

Social Service Exchange 10128 - 98 Street,
Telephone 27378

A confidential central index of all persons assisted by registering Edmonton organizations. Designed to prevent duplication of services and promote co-operation between the various organizations interested in the clients' welfare. A special clearing service is provided by the Exchange each year to avoid duplication in the distribution of Christmas dinners, etc.

Aid to China Fund
Air Force Mothers' Auxiliary
Active Club
Allied Arts Council
Army, Navy and Airforce W. A.
Alphonda Club
Alpine Club
Allegro Club
Anovets Sports Club
Arthritis Club
All People's Mission (United Church of Canada)
Alberta College of Physicians and Surgeons
Beverly Women's Social Club
Bonnes Amies Club
Briercrest Saddle Club
Brotherhood of Railway Trainmen
Burns Club
Canadian Armoured Regiment (W.A.)

(33) Clubs, continued -

Canadian Business and Professional Women's Club
Catholic Women's League
Canadian National Institute for the Blind
Canadian Women's Press Club
Canadian Club
Cosmopolitan Club
Canadian Artists Federation
Canadian Arab Friendship League
Canukeena Club
Canadian Legion: Norwood, Strathcona, Kingsway and
Montgomery branches.
Capital City Racing Region Club
Central Mortgage and Housing Club
Citizens Committee
Citizens Rehabilitation Council
Candid Club
Citizens Forum
Cine Club
Community Chest - Edmonton
Chamber of Commerce (Junior)
Chamber of Commerce
Chemical Institute of Canada (Edmonton Branch)
Christian Businessmen's Committee
Cocker Spaniel Club
Club 21
Council of Social Agencies
Club Victorian
Co-Ed Club
Craft Club
Ceiling and Visibility Club Unlimited
Credit Women's Breakfast Club
Cutty Sark Club
D. D. 40 Club
Domino Club
Dickens Fellowship
D. V. A. Staff Club
Daughters of England
Diocesan for Social Services (C. of E)
Eastwood Lawn Bowling Club
Engineering Institute
Edmonton Builders' Exchange
Edmonton Academy of Medicine
Edmonton Nutrition Council
Edmonton Round Table, Canadian Council of Christians
Edmonton Young Liberal Club and Jews
Edmonton Voyageur and Carol Club
Edmonton Yacht Club
Edmonton Art Club
Edmonton Museum of Arts
Edmonton Public School Board
Edmontpn Roller Skating Club
Edmonton District Agricultural Society
Edmonton Saddle Club
Edmonton Lady Jaycees
Edmonton Women's Liberal Club
Edmonton Safety Council
Edmonton Taxicab Operators
Edmonton Women's Liberal Teachers' Club
Edmonton Stamp Collectors' Club
Edmonton Public Library Board
Edmonton Society of Optometrists
Edmonton Union of Municipal Districts

(33) Continued -

Edmonton Teens Club
Edmonton Touch-Downs Club
Edmonton Riding Club
Edmonton Kennel Club
Edmonton Country Club
Edmonton Gun Club
Edmonton Flying Club
Edmonton Athletic Club
Edmonton Friendship Club
Eskimo Ski Club
Family Welfare Bureau
Fire Underwriters' Club
Guide and Brownie Mother's Club
Gyrette Club
Gyro Club of Edmonton
Good Will Club
Geographic Board
Glenora Tennis Club
Glenora Skating Club
Greeting Car
Humanities Group
Hadassall Club
Institute of International Affairs
Ianic Club
Imperial Literary
Institute of Accredited Public Accountants
Institute of Chartered Accountants
Julliard Modeling Club
Junior White Circle Club
Junior Hospital League
Junior Chamber of Commerce
Junior Red Cross
Junior High School Teachers
Kalenthis Club
Kinsmen Club of Edmonton
Keomi Club
Kenette Club
King Edward Park Youth Club
Kiwanis Ladies Club
Ladies Lawn Bowling Club
Loyal Edmonton Regiment
Local Council of Women
Lions Club (Ladies)
Lions Club (Home for the Aged)
Mayfair Golf Club (Ladies)
Misericordia Student Nurses' Club
Misericordia Hospital Auxiliary
Men's Canadian Club
Music Club Forum
New Era Club
Northern Lights Club
Nursing Sisters' Club
Navy Mothers' Club
Overseas Wives Club
Optimist Club of Edmonton
Phalanx Club
Past Mistress Club
P.P.C.L.I.
Quota Club
Radio and Appliance Dealers
Radio Broadcasters' Club
Rotary Club of Edmonton

..... (

.....
.....
.....

.....
.....
.....

.....

.....

.....
.....
.....

.....
.....
.....

.....

.....

.....

(33) Continued -

Racing Pigeon Club
Red Chevron Club
R.C.M.P. Veterans' Club
R.N.W.M. Police Club
Red Cross - Edmonton Branch
Robertson United Church Youth Organization
Royal Alexandra Hospital Auxiliary
Salvation Army
Service Club Council
Seneca Club
Soroptimists Club
Stagettes Club
Seventeenth Century Club
Sporting Dog Club
St. John's Ambulance Brigade
St. John's Institute (Ukrainian M.H. Inst.)
Sea Cadet Committee of Northern Alberta
Speakers Bureau
Social Credit Women's Auxiliary
Stamp Club of Edmonton
St. Andrews Society
Transportation Club
Trinity Girls' Club
Telephone Pioneers
Trades and Labour Congress
University Hospital (W.A.)
U.C.T.
United Nations Club
United Services Institute
University Women's Club
University Faculty Club
Ukrainian Catholic Good Will Club
Ukrainian Young Peoples Club
Ukrainian Women's Association of Alberta
Veterans of Two World Wars
Veterinarians' Club
Victorian Club
Vasa Lodge Skandia #549
Woodsworth Club
Women's Musical Club
Women's Canadian Club
Welcome Wagon Service
Yolanda Club
"Y" Craft Club
Y's Men's Club
Young Married Women's Club

Veterans and Service Personnel Services

To assist personnel and ex-personnel of the R.C.A.F. or their dependents who are in financial need through sickness or other misfortune, supplementing assistance available through government agencies. Where repayment can be made assistance given is generally by way of a loan but in cases of destitution grants are given. Loans are also made up to \$300 to ex-personnel of the Air Force who are taking University courses, provided repayment can be arranged before the following University term.

Army, Navy and Air Force Veterans (Edmonton Unit)

Interested in the welfare of veterans. Maintains a club room.

1. Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the participants. The study was conducted in a controlled environment and the results are presented in the following sections.

2. Methodology

The study was conducted using a between-subjects design. The participants were divided into two groups: the control group and the experimental group. The control group received the standard training, while the experimental group received the proposed system. The results are presented in the following sections.

3. Results

The results of the study show that the proposed system significantly improved the performance of the participants in the experimental group. The improvement was statistically significant and was observed across all measures of performance. The results are presented in the following sections.

4. Conclusion

The study concludes that the proposed system is an effective tool for improving the performance of the participants. The results of the study support the hypothesis that the proposed system will improve performance. The study was conducted in a controlled environment and the results are presented in the following sections.

The study was conducted in a controlled environment and the results are presented in the following sections.

(33) Continued -

Canadian Corps of Commissionaires

Endeavours to place in gainful occupation men who have seen active service and have been honourably discharged from any branch of His Majesty's Service, the Merchant Navy and Allied forces.

Canadian Legion, B.E.S.L.

Serves members of the armed forces, veterans and their families. Assists with problems relating to the establishment of rights and benefits - adjustment of pensions, allowances, treatment, re-establishment, employment, etc.

Family Welfare Bureau

Provides a casework service for families where homes are threatened and outside counsel is needed.

Canadian National Institute for the Blind

Provides continued care for veterans in making the mental and emotional adjustments to loss of sight; advanced academic training and handicrafts, as well as room and board during hospitalization and training. Placement in occupation. Reimbursed for services by federal government.

Col. Mowburn Pavilion (University Hospital)

General hospital services; collaborating with Department of Veterans' Affairs.

Council of Jewish Women (Edmonton Section)

Provides comforts for Veterans at Colonel Mowburn Pavilion.

Department of Veterans' Affairs (Edmonton District)

The Department administers all measures relating to the care, treatment, training and re-establishment in civil life of veterans and of any persons who have otherwise engaged in pursuits relating to the war, who have entitlement under Dominion legislation. It also administers the pensions of veterans and their dependents, and will administer the Veterans' Insurance Act. Maintains close liaison with National Employment Offices, Canadian Vocational Training and the University of Alberta Committee on Student Rehabilitation. Also acts as investigational agent for the Dependents' Allowance Board upon request.

I.O.D.E. (Edmonton Municipal Chapter)

Maintains a general interest and concern in all matters relating to the welfare of service and ex-service personnel. Visiting hospitalized service men, and providing patients with comforts and treats.

Poppy Day Fund (Administered by Canadian Legion)

Collects and distributes funds for the relief of ex-servicemen and women of Allied forces who served in World Wars 1 and 11.

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

1000 1000

(33) Continued -

Red Cross (Canadian)

Provides advice and assistance in emergencies to ex-servicemen and their families; also field comforts, military hospital aid; recreational therapy to hospitalized veterans; free blood transfusions.

Student Rehabilitation (University of Alberta, Committee)

To advise on eligibility and other matters pertaining to University education for returned members of the forces.

Veterans' Welfare and Advisory Commission Provincial

To advise the Minister of Health and Public Welfare on matters pertaining to the welfare of veterans and service personnel and of their dependents; to act in an advisory capacity to veterans, those still in the service, and dependents; also to assist in the co-ordination of rehabilitation efforts of civilian organizations throughout the Province.

War Amputations of Canada (Edmonton Branch)

An association of men who lost limbs during the war of 1914-18 which assists ex-servicemen of the second war, suffering similar disabilities, while endeavouring to re-establish themselves.

War Services Council (Northern Alberta)

Through its board of trustees the council administers the War Charities Act controlling war memorial projects; it also administers residue funds financing a great part of the entertainment and comforts provided for hospitalized veterans by the Hospital Recreation Council.

Young Women's Christian Association

Has a Tuesday Club for Servicemen's wives and Overseas Wives Club, the rooms registry helps to find suitable rooms and suites for women and girls.

Boarding Homes, Residences, Refuges and Shelters

Emergency Housing Bureau

Endeavours to find accommodation for those seeking homes, suites or rooms. Open 9 a.m. to 5 p.m. daily. No charge.

Elizabeth House

To provide a home for elderly ladies. Capacity 12.

Public Welfare Department - Provincial

Administration Building, 109 Street,
Maintains hostels at Ogden, Calgary, and old Immigration Hall, Edmonton; welfare camps at Gunn and Evansburg to provide for old men who are provincial responsibilities, and transients; also municipal cases by arrangement. (See also - Departmental listing

(33) Continued -

under Family Welfare and Relief Service; Child Care Agencies; Veterans and Service Personnel)

Rosary Hall

A residence primarily for working girls and school girls over 14 years of age. Some transients and older women. Non-sectarian.

St. Catherine's Residence for Girls. (Church of England)

To provide a comfortable home for business girls and students at a reasonable rate and under the sympathetic care of a Christian woman.

St. John's Institute.

11032 - 82 Avenue.

Ukrainian boarding home - students

Salvation Army

Social Service Headquarters

Provides a working men's hostel (see also Family Welfare and Relief; Employment)

Bonnie Doon Eventide Home

A home for aged men.

Women's Home. (Salvation Army)

A shelter for homeless women and girls. Probation work for women. (see also Employment)

Sisters of Service Residential Club

A residence for young women in need and for girls from outside the city. Working girls return for social activities. (See also employment)

Sunset Cottages (Lions Club of Edmonton)

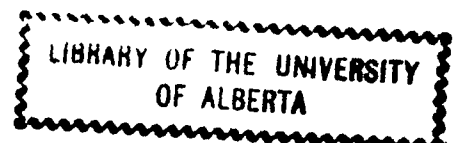
Private cottage homes for aged couples provided in co-operation with the civic relief department.

Young Men's Christian Association

Maintains a residence providing temporary or permanent accommodation for young men. (See also Camps; Recreation)

Young Women's Christian Association

Offers rooms and cafeteria for transients and permanents. Operates a Student Placement Service. (See also Veterans and Service Personnel; Recreation, Education and Neighborhood Activities).



(33) Continued -

Child Care Agencies

Alberta Protestant Home for Children

Cares for Protestant boys and girls in good health between the ages of 4 and 12 years.

Beulah Home

A home for the unmarried mother and her child. Pre-natal, post-natal and infant care. Emphasis upon Christian reclamation. No restrictions as to race, creed or residence.

Children's Aid (and Relief Dept) - Civic

Responsible for the protection of children in cases of neglect; probation services for juvenile delinquents. Maintains a children shelter and detention home for boys. (See also Relief and Services to Families)

Edmonton Creche Society

To provide for working mothers' children under school age, requiring daily care.

Edmonton Home for Ex-Servicemen's Children.

To give a home to Ex-Servicemen's children.

Emergency Housekeeper Service (Junior Hospital League)

Endeavours to provide temporary assistance in homes where illness or other emergency makes help imperative. It is primarily a service for the welfare and protection of children and is not a maid service or nursing service.

Good Shepherd Home (Sisters of Our Lady of Charity)

Shelters girls between 12 and 21 years of age. Open to non-Catholics as well as Catholics, and without restriction as to residence. Also operates as a detention home for girls for the City of Edmonton.

Kiwanis Children's Home (Kiwanis Children's Aid Society)

Cares for boys and girls between the ages of four and fourteen years in normally good physical and mental health. No restrictions as to residence, race or creed.

Misericordia Creche.

A home for unmarried mothers before and following confinement. No restrictions as to race, religion or residence.

O'Connell Institute (Sisters of Our Lady of Charity)

For girls between the ages of two and 20 years who are in need of a home. No religious or residential requirements for admission.

(33) Continued -

Our Lady of Atonement Home

Accepts for care boys between the ages of two and twelve years, and girls between two and fifteen years. Operates a kindergarten. No restrictions as to residence, race or religion.

Public Welfare Department - Provincial

Administration Building, 109 Street.

Mothers' Allowances.

Provides allowances to mothers applying and eligible under the Mothers' Allowance Act of Alberta.

(see also departmental listings under Family Welfare)
(and Relief: Boarding Homes, Refuges, Hostels, etc.)
(Veterans and Service Personnel.)

Child Welfare Commission

Administers the Alberta Child Welfare Act. Responsible for the care of neglected and delinquent children, adoptions, supervision of immigrant children. General supervisory function with respect to all child care organizations in the Province.

St. John's House (Church of England)

To provide a home and shelter for unmarried mothers.

St. Mary's Home (Sisters of Providence)

Cares for boys between the ages of three and fifteen years. No religious or residential requirements for admission.

Camps

Air Cadet Camps

Camps for Alberta Air Cadets held at various points throughout the Dominion.

All People's Mission Camp (United Church of Canada)

Moonlight Bay Lake Wabamun.

A fresh air camp operating in separate one-week camps for boys, girls, children under 10 years, and women. No restrictions regarding race or creed and no standard fee. However, those who can contribute something toward the cost are encouraged to do so.

Anglican Young People's Camp
Kapasiwin - Lake Wabamun.

Army Cadet Camps

Camps for Army Cadets conducted each summer.

187

187

187

187

187

187

187

187

187

187

187

187

187

187

187

187

(33) Gull Lake Baptist Camp

McLaurin Beach - Gull Lake.

Camps for boys, girls, aged 9 years and up, young people and family groups. Recreational and Christian educational programme. Open to all denominations.

Camp Fallis (C.G.I.T. Board of Edmonton)

Lake Wabamun

For girls from 12 to 18 years who are members of C.G.I.T. Groups interdenominational. Standard camp period, approximately 10 days.

Tuxis Camp: Religious Education Council of Alberta

Sylvan Lake.

A camp for boys of Tuxis groups between 15 and 18 years of age.

Camp Woods (Provincial Council of Boy Scouts)

Sylvan Lake. Operated for registered Boy Scouts to obtain Scout training: 4 to 7 one - week camps held each year.

Catholic Boys' Camp

Lac Ste. Anne.

A camp for boys of Roman Catholic faith, between the ages of 8 and 17 years.

Girl Guide Camps (Alberta Council)

Girl Guide Camps are held at various points throughout the Province each year, for members of the organization.

Lake Edith Camp (Y.M.C.A.)

Lake Edith, Jasper, Alberta.

A camp operated during July and August for young people, adults and families.

Y.W.C.A. Camp

Lake Wabamun: Standard Camp Period - 2 weeks. Outing for girls, including programme of recreation.

Presbyterian Camps (Synod of Alberta)

Sylvan Lake

For Presbyterian boys and girls of Alberta, 11 to 16 years, young people 16 and over, and women. Emphasis upon Bible Study and Christian fellowship in a holiday camp setting.

Royal Canadian Sea Cadets Camp (Navy League of Canada)

Lake Wabamun

A camp for members of Royal Canadian Sea Cadets Corps in Northern Alberta, between ages of 13 and 18 years. Two camps of 2 weeks each - no fee.

1. The first part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

2. The second part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

3. The third part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

4. The fourth part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

5. The fifth part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

6. The sixth part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

7. The seventh part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

8. The eighth part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

9. The ninth part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

10. The tenth part of the document is a list of the names of the persons who have been appointed to the various offices of the city government. The names are listed in alphabetical order, and each name is followed by the name of the office to which the person has been appointed. The list is as follows:

(33) Continued -

Salvation Army Fresh Air Camp

Soba Beach - Lake Wabamun.

A free, interdenominational camp for underprivileged children between the ages of 7 and 15 years, who otherwise would not get a holiday. Camp period - one week each part.

Tuxis Moonlight Bay Camp (Tuxis Boys' Work Board)

Lake Wabamun, Moonlight Bay. An interdenominational camp for Tuxis boys 10 to 15 years of age. Regular camp period 10 days.

Y's Men's Camp - Camp Keewaydihin (operated by Y.M.C.A.)

Lake Wabamun. For Northern Alberta boys between 10 and 18 years of age, of good character, and in good health. Non-denominational, standard camp period - 2 weeks.

Child Care Agencies

Alberta Protestant Home for Children.

Cares for Protestant boys and girls in good health between the ages of 4 and 12 years.

(34) SOCIETIES

Alberta Historical Society
Alberta Pensions Society
Alcoholics Anonymous
Astronomical Society
Beta Sigma Phi
British and Foreign Bible Society
Cancer Society
Canadian Council of Unity
Canadian Handicrafts Build
Canadian Daughters Assembly
Canadian Daughters League
Catholic Youth Federation
Council for Canadian Unity
Chinese Association
Cosmo Pals
Dental Society
Edmonton Creche Society
Edmonton Museum of Arts (Women's Society)
Edmonton Dental Society
Esoteric Law Society
Eye, Ear, Nose and Throat Society
Goodwill Industries
House Wives League
Humane Society
Jewish Welfare Society
John Howard Society
Kiwanis Children's Aid Society
Latvian Society
Lady Aberdeen League
Local Council of Women
Light Horse Society
Law Society of Alberta
National Council of Jewish Women

(34) Societies, Continued -

National Film Society (Edmonton Branch)
Ophthalmological Society
Progressive Conservative Women
Riverdale Junior League
Royal Astronomical Society of Canada
Royal Alexandra Hospital Alumni
Royal Society of St. George
St. David's Welsh Society
Society of Ind. and Ass. Accountants
Society of Friends of the Indians
Ukrainian National Youth Federation of Edmonton
Ukrainian Women's Organization
Ukrainian Catholic Women's League
United Commercial Travellers
University Philosophical Society
University Women's Canadian Federation
United Nations Organization
Victorian Order of Nurses
Women's Society Museum of Arts
White Circle
Wimodausis Society

Associations

Alberta Home Economics Association
Alberta Automotive Trade
Alberta Association of Certified Welders
Alberta Avenue Businessmen's Association
Businessmen's Association South Edmonton
Businessmen's Association West Edmonton
Academy of Medicine
Agricultural Institute of Canada
Alberta Association of Architects
Alberta Curling Association
Alberta Council on Adult Education
Alberta Cadet League
Alberta British Commonwealth Association
Alberta Bee Keepers' Association
Alberta Fur Breeders' Association
Alberta Funeral Directors' Association
Alberta Food Brokers' Association
Alberta Federation of Labour
Alberta Motor Transport Association
Alberta and North West Chamber of Mines
Alberta Hotel Association
Alberta Wholesale Implement Association
Alberta Welders' Association
Alberta Seed Growers' Co-op
Alberta Theatre Association
Alberta Tuberculosis Association
Alberta Sheep Breeders' Association
Alberta Registered Music Teachers
Alberta Public Health Association
Alberta Real Estate Association
Air Cadet League
Baptist Women's Missionary Association
Canadian Daughters' Association
Canadian Health League
Canadian Handicraft Guild
Canadian Association of Incurables
Canadian Youth Hostel Association
Canadian Corps Association
Canadian Girls in Training
C.C.F. Women's Association
Canadian Ssassociation of Consumers
C.G.I.T. Board
Conservative Women's Association

(34) Societies, Continued -

Civil Service Association of Alberta
Crippled Children's Fund (Associated Commercial Travellers
Edmonton Dental Nurses Association
Edmonton Community Theatres
Edmonton Past Noble Grands' Association
Edmonton Branch C.C.F.
Edmonton General Hospital Alumnae Association
Edmonton Physical Education Association
Elizabeth House Guild
Ex-Service Women's Organizations
Ex-Wrens Association
Garneau Ladies' Lawn Bowling
Girl Guides Association
Ladies Golf Association
Ladies Orange Benevolent Association
Junior Hospital League
Junior Catholic League
Library Association
Maritimers Association
Non-Provisional Widows' Association
Northern Alberta Ladies' Curling Association
Nursing Sisters' Association
Protestant Ministerial Association
Polish Veterans' Association
Registered Nurses' Association
Ukrainian Canadian Association
Women's Progressive Association
Women's City Tournament Committee
Women's Benefit Association
Women's Institute
War Amputation Association
Westmount Community Council
Y.M.C.A.
Y.W.C.A.
Youth Hostel Association

Federation of Community Leagues. Pres. Charles Simmonds,
Tel. 32958,
11541 University Ave.

This is a central council of community districts or community leagues of the city, organized by the residents of these communities on a non-secretarian, non-political, and entirely voluntary basis. Primary interests - promotion of educational and recreational facilities and activities, and the general improvement of civic welfare.

Each community league has approximately one city block of ground for recreational purposes.

There are 30 community leagues; some of them make use of their club house for small meetings and adjacent school buildings for larger meetings. These communities are listed as follows:

Alberta Avenue
Bellevue
Bonnie Doon
Boyle Street
Calder
Sherbrooke
Central
Cloverdale

(34) Communities, continued -

Cromdale
Eastwood
Elmwood Park
Forest Heights
Garneau
Glenora
Highlands
Inglewood
Jasper Place
King Edward Park
McCauley
McKernan Lake
North Edmonton
Oliver
Parkallan
Pleasant View
Ritchie
Riverdale
Rossdale
Seona Centre
Westmount
Windsor Park

(35) SCHOOLS AND COLLEGES

University of Alberta
Organization

The University was created in 1906 by an act of the first session of the first legislature of the Province. On January 1st, 1908, Dr. Henry Marshall Tory began his duties as president. The University Senate supervised all phases of the institutions activities until 1910 when a Board of Governors was constituted and given charge of the University's business affairs. In 1942 a new Act reduced the size of the Senate and transferred most of its academic functions to the General Faculty Council. This body besides being responsible for the academic organization of the university administers the licensing examinations of a number of affiliated professional societies in the Province. The following have served as chancellors of the University since its inception; Mr. Justice Stuart (1908-1926); Mr. Justice Beck (1926-1927); Dr. A. C. Rutherford (1927-1941); Mr. Justice Frank Ford (1941-1942); and Dr. G. Fred McNally (1942-); Presidents of the University have been : Dr. H. M. Tory (1908-1928); Dr. R. C. Wallace (1928-1936); Dr. W. A. R. Kerr (1936-1941); and Dr. Robert Newton (1941-)

Buildings.

Up to 1911 university classes were conducted in rented premises. The building programme was launched in the summer of 1911 with the construction of Athabasca Hall. Other buildings were added as follows: Assiniboia Hall, 1912-13; Pembina Hall, 1914; Arts Building, 1915; Engineering Laboratories, 1919; and the Medical Building, 1921. In 1922 the nearby Strathcona Hospital became the University Hospital, an important factor in the training of medical students. Following the great increase in the numbers of students at the end of World War II, a large number of army-type temporary buildings were assembled on the campus, two large wings were added to the Medical Building (1947-1948) and work was commenced on the Rutherford Library,

(35) Buildings, Continued -

the Students' Union Building, the Provincial Laboratory of Public Health, and the new wing of the University Hospital. In 1945 the University assumed responsibility for all teacher training in the Province, and took over the Provincial Normal Schools and their staffs in Calgary and Edmonton. After the war the former RCAF drill hall on the campus was turned over to the University as a gymnasium.

In addition to the above-mentioned buildings, St. Stephens College (erected by the United Church of Canada in 1910) and St. Joseph's College (built in 1927 by the Roman Catholic Church) occupy sites on the campus.

Method of Financing.

The University is financed by provincial government grants, students' fees and, to a very limited extent, endowment funds.

Living Accommodation.

There are three residential halls (Athabasca, Assiniboia and Pembina) with accommodation for 450 students. Charges for board and room 1949-1950 amounted to \$52 to \$55 per month. A limited amount of accommodation is available in St. Stephen's and St. Joseph's colleges. The University Cafeteria provides full restaurant service on the campus.

Enrolment

The University's peak enrolment was reached in 1947-1948 with 4,941 students attending in the winter session and 1,366 in the summer session (1947). The attendance figures for 1949-1950 are roughly as follows: winter session 4,260; summer session (1949) 1,994 (including 451 registered in the Banff School of Fine Arts in non-credit courses).

Courses and Tuition Fees.

| <u>Faculty or School</u> | <u>Degree</u> | <u>Years</u> | <u>Annual Tuition Fees 1949-50</u> |
|--------------------------------|---------------|--------------|--|
| Arts & Science | B.A. | 3 | \$130 |
| | B.Sc. | 3 | \$150 |
| Agriculture | B.Sc. | 4 | \$135 (1st yr.) \$150 (other yrs) |
| Commerce | B. Com. | 3 | \$150 (1st yr.) \$165 (other yrs.) |
| Dentistry | D.D.S. | 4 | \$265 (1st & 2nd) \$300 (3rd & 4th) |
| Education | B. Ed. | 4 | \$115 (1st & 2nd) \$130 (3rd & 4th) |
| Engineering | B.Sc. | 4 | \$200 |
| Household Economics or B.H.Ec. | B.Sc. | 3 | \$150 |
| Law | L.L.B. | 3 | \$175 |
| Medicine | M.D. | 4 | \$400 (other yrs) |
| Nursing | B.Sc. | 5 | \$150 (1st & 5th)(gratis) |
| Pharmacy | B.Sc. | 3 | \$170 (1st yr) \$185 other yrs |
| Graduate Studies | M.A. M.Sc. | | Fee for honors grads. is \$120, for pass grads. \$180. Time involved varies. |

[illegible]

—

—

.

100

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

•

!

•

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$.

1. 2

• • •

(35) Continued -

Honors courses in the Faculty of Arts and Science are four years in length.

Note: The above table does not include diploma courses in the Faculty of Education and in the School of Nursing. It should also be noted;

1. That admission to the Faculty of Medicine is granted only to students who have successfully completed a two year pre-medical course in the Faculty of Arts and Science, (the first two years of a combined course leading to the degrees of B. Sc., M.D.) or who have already secured a B. Sc. degree in Chemistry or Zoology);
2. That admission to the Faculty of Dentistry is granted only to students who have successfully completed at least one year of pre-dental work in the Faculty of Arts and Science; and
3. That admission to the Faculty of Law is granted only to students who have successfully completed the first two years of the combined course leading to the degrees of B.A., LL.B. or who already hold a B.A. or equivalent degree.

For information regarding combined courses in Arts and Engineering, Arts and Commerce and others, interested persons should communicate with the Registrar of the University, or consult the University calendar.

Admission Requirements.

Admission to the University is at the senior matriculation (Alberta Grade XII) level, except in the case of graduates from a Provincial School of Agriculture seeking entrance to the Faculty of Agriculture or the School of Household Economics.

Sessions of the University

The academic year runs from July 1st to June 30th. During this period the University conducts two sessions - the summer session running from the beginning of July to mid-August, and the winter session running from the first week in September to the middle of June. Most winter session courses begin during the last week in September and finish at the end of April.

General Information

The University provides a centre for cultural activities. Its extension work includes lectures, radio discussion group material, debating material, general information service, short courses in Art and Dramatics, film and lantern slide service and open shelf and travelling library facilities. Student activities include sports, music, drama, ballet and many others.

Enrollment:

| | | | |
|------------|-------|------------|-------|
| 1939 - 40 | 2,173 | 1945 - 46, | 2,673 |
| 1940 - 41 | 2,327 | 1946 - 47, | 4,811 |
| 1941 - 42, | 2,254 | 1947 - 48, | 5,897 |
| 1942 - 43, | 2,045 | 1948 - 49, | 6,247 |
| 1943 - 44, | 2,015 | 1949 - 50, | 4,263 |
| 1944 - 45, | 2,023 | | |

(35) Alberta College

Alberta College received its charter from the Government in 1903, and classes opened that year under the principal-ship of Dr. J.H. Riddell.

It was the realization of a vision of Rev. George McDougall who 70 years before had secured a grant of land for such an enterprise.

Rev. Dr. T.C. Buchanan was the moving spirit in securing the charter, appointing a Board of Governors and starting the college on its way.

From that small beginning the work has grown until over 50,000 graduates have gone from the college to enrich the life of our Province and the Dominion.

In 1913 Dr. F.S. McCall succeeded Dr. Riddell as principal and carried the college through many difficult situations until he had made an honoured name for this institution far beyond the bounds of the province.

He in turn was succeeded by Dr. G. Harrison Villett, a graduate of the University of Alberta and St. Stephen's college and a former student in the college over which he came to preside.

How realistic the vision of Rev. George McDougall was is evidenced by the strategic and commanding position the college occupies.

This college is located at 10041 - 101 Street, in the very centre of the city.

It's distinctive features are:-

- (a) The appointment of teachers that will give moral and spiritual leadership so that students may develop the stability and character so much needed today. Tobacco or Alcoholic drinks are absolutely taboo in or around the college.
- (b) To develop a wholesome atmosphere where our finest ideals are encouraged and friendly companionships established.
- (c) By example the students are taught to accept discipline and conform with regular study periods.
- (d) Makes provision for backward students and older students whose education has been neglected or who have not had school advantages in early life.
- (e) Provides for intensive, personalized tuition.
- (f) Offers evening tuition for Commercial and Academic subjects and correspondence courses in bookkeeping, Short-hand, Penmanship, and Spanish.

The College has four departments as follows:-

(1) High School

Courses are offered in Grades IX, X, XI, and XII under the regulations of the Department of Education of Alberta.

(2) School of Commerce.

Students deficient in one or more academic subjects can complete their grades while taking the commercial course. Credits also are given in high school for typing and short-hand as optional subjects.

(35) (3) Conservatory of Music

Provides complete courses in all branches of music. Opportunities are given the students from time to time to take part in College recitals where ensemble playing and choral singing are features. Alberta College is affiliated with the Toronto Conservatory of Music, Royal Schools of Music, London, and the Western Board.

(4) Department of Speech Arts.

Offers courses in Public Speaking, Drama, etc. and under expert teachers specializes in speech correction. The College is supported by students' fees. There were 2,300 students registered for the 1949/50 term with 43 teachers.

The College Calendar for 1949/50 covers the period from September 3rd to June 30th, 1950.

There is residential accommodation for 60 females and 50 males in separate buildings.

Single beds are provided in double rooms, with a limited number of single rooms at a slight extra cost.

All female students are under the supervision of the Dean of Women and her assistants.

The men's residence is under the care of a competent Dean and assistant who are able to give assistance in many of the problems of the boys, and leadership in their activities.

There is also offered a Church Leadership Course which includes:-

- (a) English Bible - Old and New Testament
- (b) Foundations of Belief
- (c) The Meaning of Life
- (d) Practical Christian Work, Sunday School, C.G.I.T. and C.S.E.T. Programmes Y.P.U. Organizations and Programmes.
- (e) Church Music, Leading sing-songs, etc.
- (f) Missions, at home and abroad.
- (g) Public Speaking:

Preparing and delivering addresses.

Developing self confidence and use of "The King's English"

(h) Electives:

The High School and Commercial Departments and Conservatory of Music offer opportunities for specialized training in preparation for full time service in Church.

Period of Study: November 1st to March 31st.

The College encourages every student to take part in some branch of physical culture. Opportunities are available for football, baseball, softball, tennis, croquet, basketball, hockey, skating and curling.

Classes are held weekly in the gymnasium of the Y.M.C.A.

A prospectus, which includes names of faculty members, details of all courses, tuition fees and rates may be obtained on application to Alberta College, 10041 - 101 St., Edmonton, Alta.

Edmonton Public School District No. 7 is made up of the non-Roman Catholic schools within the city limits. It is governed by the Public School Board which is elected by popular vote. The board consists of seven members; four elected one year and three the next for two year terms. Its affairs are administered by a superintendent and a secretary-treasurer who carries out the policy set by the board.

>

100

[illegible]

Figure 1. The effect of the concentration of the *Ag* on the *Ag* adsorption capacity of the *Ag*-*Ag*2S-*Ag*2S2O3-*Ag*2S2O4-*Ag*2S2O6-*Ag*2S2O8-*Ag*2S2O10-*Ag*2S2O12-*Ag*2S2O14-*Ag*2S2O16-*Ag*2S2O18-*Ag*2S2O20-*Ag*2S2O22-*Ag*2S2O24-*Ag*2S2O26-*Ag*2S2O28-*Ag*2S2O30-*Ag*2S2O32-*Ag*2S2O34-*Ag*2S2O36-*Ag*2S2O38-*Ag*2S2O40-*Ag*2S2O42-*Ag*2S2O44-*Ag*2S2O46-*Ag*2S2O48-*Ag*2S2O50-*Ag*2S2O52-*Ag*2S2O54-*Ag*2S2O56-*Ag*2S2O58-*Ag*2S2O60-*Ag*2S2O62-*Ag*2S2O64-*Ag*2S2O66-*Ag*2S2O68-*Ag*2S2O70-*Ag*2S2O72-*Ag*2S2O74-*Ag*2S2O76-*Ag*2S2O78-*Ag*2S2O80-*Ag*2S2O82-*Ag*2S2O84-*Ag*2S2O86-*Ag*2S2O88-*Ag*2S2O90-*Ag*2S2O92-*Ag*2S2O94-*Ag*2S2O96-*Ag*2S2O98-*Ag*2S2O100-*Ag*2S2O102-*Ag*2S2O104-*Ag*2S2O106-*Ag*2S2O108-*Ag*2S2O110-*Ag*2S2O112-*Ag*2S2O114-*Ag*2S2O116-*Ag*2S2O118-*Ag*2S2O120-*Ag*2S2O122-*Ag*2S2O124-*Ag*2S2O126-*Ag*2S2O128-*Ag*2S2O130-*Ag*2S2O132-*Ag*2S2O134-*Ag*2S2O136-*Ag*2S2O138-*Ag*2S2O140-*Ag*2S2O142-*Ag*2S2O144-*Ag*2S2O146-*Ag*2S2O148-*Ag*2S2O150-*Ag*2S2O152-*Ag*2S2O154-*Ag*2S2O156-*Ag*2S2O158-*Ag*2S2O160-*Ag*2S2O162-*Ag*2S2O164-*Ag*2S2O166-*Ag*2S2O168-*Ag*2S2O170-*Ag*2S2O172-*Ag*2S2O174-*Ag*2S2O176-*Ag*2S2O178-*Ag*2S2O180-*Ag*2S2O182-*Ag*2S2O184-*Ag*2S2O186-*Ag*2S2O188-*Ag*2S2O190-*Ag*2S2O192-*Ag*2S2O194-*Ag*2S2O196-*Ag*2S2O198-*Ag*2S2O200-*Ag*2S2O202-*Ag*2S2O204-*Ag*2S2O206-*Ag*2S2O208-*Ag*2S2O210-*Ag*2S2O212-*Ag*2S2O214-*Ag*2S2O216-*Ag*2S2O218-*Ag*2S2O220-*Ag*2S2O222-*Ag*2S2O224-*Ag*2S2O226-*Ag*2S2O228-*Ag*2S2O230-*Ag*2S2O232-*Ag*2S2O234-*Ag*2S2O236-*Ag*2S2O238-*Ag*2S2O240-*Ag*2S2O242-*Ag*2S2O244-*Ag*2S2O246-*Ag*2S2O248-*Ag*2S2O250-*Ag*2S2O252-*Ag*2S2O254-*Ag*2S2O256-*Ag*2S2O258-*Ag*2S2O260-*Ag*2S2O262-*Ag*2S2O264-*Ag*2S2O266-*Ag*2S2O268-*Ag*2S2O270-*Ag*2S2O272-*Ag*2S2O274-*Ag*2S2O276-*Ag*2S2O278-*Ag*2S2O280-*Ag*2S2O282-*Ag*2S2O284-*Ag*2S2O286-*Ag*2S2O288-*Ag*2S2O290-*Ag*2S2O292-*Ag*2S2O294-*Ag*2S2O296-*Ag*2S2O298-*Ag*2S2O300-*Ag*2S2O302-*Ag*2S2O304-*Ag*2S2O306-*Ag*2S2O308-*Ag*2S2O310-*Ag*2S2O312-*Ag*2S2O314-*Ag*2S2O316-*Ag*2S2O318-*Ag*2S2O320-*Ag*2S2O322-*Ag*2S2O324-*Ag*2S2O326-*Ag*2S2O328-*Ag*2S2O330-*Ag*2S2O332-*Ag*2S2O334-*Ag*2S2O336-*Ag*2S2O338-*Ag*2S2O340-*Ag*2S2O342-*Ag*2S2O344-*Ag*2S2O346-*Ag*2S2O348-*Ag*2S2O350-*Ag*2S2O352-*Ag*2S2O354-*Ag*2S2O356-*Ag*2S2O358-*Ag*2S2O360-*Ag*2S2O362-*Ag*2S2O364-*Ag*2S2O366-*Ag*2S2O368-*Ag*2S2O370-*Ag*2S2O372-*Ag*2S2O374-*Ag*2S2O376-*Ag*2S2O378-*Ag*2S2O380-*Ag*2S2O382-*Ag*2S2O384-*Ag*2S2O386-*Ag*2S2O388-*Ag*2S2O390-*Ag*2S2O392-*Ag*2S2O394-*Ag*2S2O396-*Ag*2S2O398-*Ag*2S2O400-*Ag*2S2O402-*Ag*2S2O404-*Ag*2S2O406-*Ag*2S2O408-*Ag*2S2O410-*Ag*2S2O412-*Ag*2S2O414-*Ag*2S2O416-*Ag*2S2O418-*Ag*2S2O420-*Ag*2S2O422-*Ag*2S2O424-*Ag*2S2O426-*Ag*2S2O428-*Ag*2S2O430-*Ag*2S2O432-*Ag*2S2O434-*Ag*2S2O436-*Ag*2S2O438-*Ag*2S2O440-*Ag*2S2O442-*Ag*2S2O444-*Ag*2S2O446-*Ag*2S2O448-*Ag*2S2O450-*Ag*2S2O452-*Ag*2S2O454-*Ag*2S2O456-*Ag*2S2O458-*Ag*2S2O460-*Ag*2S2O462-*Ag*2S2O464-*Ag*2S2O466-*Ag*2S2O468-*Ag*2S2O470-*Ag*2S2O472-*Ag*2S2O474-*Ag*2S2O476-*Ag*2S2O478-*Ag*2S2O480-*Ag*2S2O482-*Ag*2S2O484-*Ag*2S2O486-*Ag*2S2O488-*Ag*2S2O490-*Ag*2S2O492-*Ag*2S2O494-*Ag*2S2O496-*Ag*2S2O498-*Ag*2S2O500-*Ag*2S2O502-*Ag*2S2O504-*Ag*2S2O506-*Ag*2S2O508-*Ag*2S2O510-*Ag*2S2O512-*Ag*2S2O514-*Ag*2S2O516-*Ag*2S2O518-*Ag*2S2O520-*Ag*2S2O522-*Ag*2S2O524-*Ag*2S2O526-*Ag*2S2O528-*Ag*2S2O530-*Ag*2S2O532-*Ag*2S2O534-*Ag*2S2O536-*Ag*2S2O538-*Ag*2S2O540-*Ag*2S2O542-*Ag*2S2O544-*Ag*2S2O546-

• • • • •

(35) Continued -

The following list shows the name of each school, grades taught, enrolment for 1949 and the number of teachers:-

| | <u>Name of School</u> | <u>Grades</u> | <u>Enrolment</u> | <u>No. of Teachers</u> |
|---|-------------------------|---------------|------------------|------------------------|
| | Alex Taylor | 1-4 | 307 | 10 |
| | Allendale | 1-4 | 339 | 8 |
| | Bennett | 1-8 | 189 | 5 |
| | Calder | 1-9 | 474 | 14 |
| | Cromdale | 1-8 | 286 | 8 |
| | Delton | 1-6 | 388 | 11 |
| | Donald Ross | 1-8 | 121 | 4 |
| | Eastwood | 1-9 | 588 | 16 |
| | Fairview | 1-6 | 119 | 3 |
| | Forest Heights | 1-6 | 160 | 5 |
| | Garneau | 1-9 | 614 | 17 |
| | New Glenora | 1-6 | 200 | 6 |
| | Old Glenora | 1-6 | 111 | 3 |
| | Grovenor | 1-9 | 336 | 9 |
| | H.A. Gray | 1-9 | 642 | 17 |
| | Highlands | 1-9 | 818 | 20 |
| | Jasper Place | 1-6 | 119 | 3 |
| | King Edward | 1-9 | 885 | 24 |
| | King Edward Park | 1-6 | 242 | 8 |
| | Mill Creek | 1-6 | 224 | 7 |
| | McCauley 1-2 & | 7-9 | 443 | 14 |
| | McDougall | 1-9 | 537 | 17 |
| | McKay Avenue | 1-9 | 266 | 9 |
| x | North Edmonton | 1-8 | 417 | 12 |
| | Norwood | 1-6 | 394 | 11 |
| x | Oliver | 1-9 | 753 | 22 |
| | Parkdale | 1-9 | 682 | 19 |
| | Queen Alexandre | 1-9 | 608 | 17 |
| x | Queen's Avenue | 1-4 | 370 | 13 |
| x | Ritchie | 1-8 | 450 | 13 |
| | Riverdale | 1-9 | 244 | 8 |
| | Rutherford | 1-8 | 514 | 13 |
| | Sherbrooke | 1-6 | 339 | 9 |
| | Spruce Avenue | 1-9 | 673 | 18 |
| | University | 1-9 | 269 | 9 |
| | Virginia Park | 1-6 | 253 | 7 |
| | Westmount | 1-9 | 679 | 17 |
| | Elementary and Junior | | ---- | ---- |
| | High Total | | 15,053 | 426 |
| | Eastwood High | 10-12 | 407 | 14 |
| | Garneau High | 10-12 | 190 | 7 |
| | Strathcona High | 10-12 | 506 | 16 |
| | University High | 10-12 | 220 | 8 |
| | Victoria Composite High | 10-12 | 1110 | 47 |
| | Westglen High | 10-12 | 462 | 15 |
| | High Schools Total | | <u>2895</u> | <u>107</u> |
| | All Schools Total | | <u>17,948</u> | <u>533</u> |

x Denotes the schools where special classes were held.

Special Classes

During 1949 six special or opportunity classes were held for pupils whose mentality was such that they could not make progress in the regular classes.

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

103

(35) Continued -

A class for those suffering from eye defects was held at the Queen's Avenue School.

A hard of hearing class was held at Queen's Avenue School. This class is rendering a service that is greatly appreciated by the parents of those children who have hearing defects.

Evening Classes

In the spring, evening classes were held in the McDougall School for the teaching of Basic English and Citizenship. Most of those in attendance are from Europe, and the 120 pupils attending these classes had received considerable education in the country from which they came.

Audio-Visual Aids

For several years the Edmonton Public School Board has had an arrangement with the Department of Extension, University of Alberta, whereby the schools were entitled to secure, free of charge, any films and slides from the Department of Extension's library. During the past year the Board paid \$550 for this service.

The Board encourages the use of audio-visual aids by paying one half of the cost of equipment purchased by any school, to a maximum of \$150 per year. During 1949 several schools purchased projection machines, radios, etc.

The Department of Education has an Audio-Visual Aids Branch with 1,459 sound moving picture films, 573 silent moving picture films and 1,537 film strips in its library. These films are available to schools, free of charge, except transportation charges.

There are employed by the board two directors, six supervisors and one attendance officer as listed below:-

- Director of Secondary Education and Guidance
- Director of Elementary Education
- Supervisor of Physical Education
- Assistant Supervisor of Physical Education
- Supervisor of Music
- Supervisor of Industrial Arts
- Supervisor of Home Economics
- Supervisor of Art
- Attendance Officer

The Industrial Arts course offers the following subjects:-

- Woodwork 1 and 2
- Metals 1 and 2
- Electricity 1 and 2
- Automotive 1

During 1949, 2,103 students distributed throughout 12 centres, received instruction in the Industrial Arts for grades seven to eleven.

- (35) Eleven full time and one part-time instructors are engaged in this department.

There is a seven weeks exchange of classes in Grade 9, whereby the boys take a course in Home Economics, and the girls take a course in Industrial Arts.

The annual non-competitive school festival was held during April with over 7,000 children participating. Twenty concerts were held in eight auditoriums throughout the city. The interest in the festival was extremely high with 219 teachers entering their classes.

The Edmonton School Boys' Band had a very busy and successful year. Under the present arrangement, all boys in the band must be in attendance at City Schools. As vacancies occurred in the senior band, junior band members were promoted to keep the senior band up to a straight of about fifty players. There were seventy-five to eighty members in the junior band. The senior section rehearse Monday and Tuesday evenings and the junior section Tuesday night and Saturday morning.

Physical Education includes:-

Swimming
Track and Field
Basketball
Volleyball
Badminton
High School Rugby
Hockey
Boxing and Wrestling
Soccer
High School Curling
Skating and Hockey Rinks

Tournaments, also track and field meets, are held during the year.

Musical education consists of piano classes organized in many schools throughout the city. Classes are held after 4 p.m. In September, 1949, these Classes were operating in 24 schools under a staff of 17 teachers, with a total enrolment of 326 pupils.

The Supervisor of Art, holds classes for teachers after school hours at the McKay Avenue School.

The school medical staff consists of one doctor, part time in charge of school services; one doctor, part time assistant; eleven nurses, full time; one dentist, part time; and one stenographer.

The following tabulation shows the increasing current costs for education:

| <u>Year</u> | <u>Average
Enrolment</u> | <u>Expenditure</u> | <u>Average
per Pupil Cost</u> |
|-------------|------------------------------|--------------------|-----------------------------------|
| 1940 | 15,070 | \$1,443,322.27 | 89.19 |
| 1945 | 14,804 | 1,519,985.83 | 102.67 |
| 1948 | 15,948 | 2,254,354.83 | 141.36 |
| 1949 | 17,057 | 2,660,811.11 | 156.00 |

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

(35) Edmonton Separate Schools

The Edmonton Roman Catholic Separate School District No. 7 was inaugurated in 1888. It provides educational facilities for the Catholic children of the city, who number almost 20% of total Edmonton school population. For the forthcoming school year 1950-51 twenty-four separate schools will be in operation offering instruction in Grades 1 to XII. They will be staffed by 139 regular teachers and 11 special and part-time teachers. In 1949 the enrolment reached 4362. In the Elementary section 2,712 pupils were enrolled, in the Junior High School Grades 1,004, and in the Senior High 646.

The separate school system operates in accordance with the school laws and regulations of the Province of Alberta. Separate school teachers hold teaching certificates granted by the Alberta Department of Education, they are inspected by the Government inspectors, they teach according to the Alberta programme of studies, their pupils submit to the same departmental examinations as those of other schools. The main difference between the procedure in separate and public schools lies in the fact that, in accordance with the provisions of the School Act, separate school pupils receive, during the last half hour of each day, instruction in religious education, a practice which is not ordinarily followed in public schools.

Separate school trustees are elected at the annual city elections and hold office for two year terms. There are seven members on the board.

The administrative and supervisory staff consists of a superintendent, secretary-treasurer, stenographer, supervisor of elementary instruction, supervisor of music, school nurse, and on a part time basis a medical inspector, physical education supervisor, attendance officer, auditor, solicitor.

The list below shows the name of each school, grades taught, enrolment (1949), and the number of teachers:

| <u>Name of School</u> | <u>Grades</u> | <u>Enrolment</u> | <u>No. of Teachers</u> |
|-----------------------|-------------------|------------------|------------------------|
| St. Joseph's High | 10-12 | 283 | 10 |
| St. Mary's High | 10-12 | 363 | 12 |
| St. Alphonsus | 1-10 | 398 | 11 |
| Mt. Carmel | 1-10 | 303 | 9 |
| Sacred Heart | 1-9 | 585 | 19 |
| Grandin | 1-9 | 341 | 10 |
| St. Francis | 1-9 | 300 | 9 |
| St. Andrew's | 1-9 | 325 | 8 |
| St. Clare's | 1-9 | 218 | 7 |
| St. Michael's | 1-9 | 176 | 5 |
| St. Edmund's | 1-8 | 188 | 5 |
| St. Anthony's- | 1-7 | 117 | 5 |
| St. Patrick's | 1-8 | 184 | 5 |
| St. John's | 1-8 | 150 | 4 |
| St. Teresa's | 1-8 | 86 | 3 |
| Delton | 1-6 Open Sept./50 | | 2 |
| Pleasantview | 1-8 Open Sept./50 | | 2 |
| Sherbrooke | 1-6 Open Sept./50 | | 2 |
| St. Anne's | 1-8 | 52 | 2 |
| St. James' | 1-8 | 73 | 2 |
| Bonnie Doon | 1-5 | 42 | 2 |
| Ritchie | 1-4 | 83 | 2 |
| Little Flower | 1-3 | 27 | 1 |
| Jasper Place | 1-6 | 68 | 2 |
| Total | | 4,362 | 139 |

100

100

100

100

100

100

100

100

100

100

100

100

100

- (35) In addition to the regular instruction offered, a special class is operated (at St. Michael's School) for retarded pupils, commercial courses (Bookkeeping, stenography and typewriting) are taught in the high schools, exploratory (optional) subjects- typewriting, industrial arts, home economics, oral French and others-are available for junior high school students. In four schools where the number of French speaking children warrant it, special instruction is offered, in accordance with the provisions of the School Act, to those pupils whose mother tongue is French.

Evening classes are conducted at St. Mary's High School for adult students who desire instruction in Basic English and Citizenship. In 1949-50, 120 new Canadians took advantage of these classes, for which a staff of six instructors were employed.

Audio-Visual aids are commonly used throughout the schools. A total of 11 sound film projectors and 9 other projectors are in operation. Films and film strips are obtained on loan from the audio-visual branch of the Department of Education, the Department of Extension, University of Alberta and the National Film Board. The projectors are purchased on a co-operative basis, the schools, school board and Department of Education contributing to the payment of costs involved. The schools are encouraged to take advantage of the radio lessons now available. In all 80 radio receiving sets are in daily use in classrooms. These are provided on the same co-operative basis as film projectors. Pupils take part each year in the Musical and oratorical speaking competitions conducted at the annual musical festivals. Encouragement is given to the physical education section of the school programme and to related athletic and sports activities. An annual field day is held in which all schools participate.

Statistics

The figures below indicate the recent abnormal growth in the school system as well as the rapidly rising educational costs.

| | <u>Assessment</u> | <u>Tax Rate
(Mills)</u> | <u>Debtenture Debt</u> | <u>(Dec.)
Enrolment</u> |
|----------------|-------------------|-----------------------------|------------------------|-----------------------------|
| 1950 | 15,090,720 | 31.00 | \$956,500.00 | 4362 (1949) |
| 1945 | | | | |
| (5 years ago) | 8,328,740 | 29.00 | 284,000.00 | 3617 |
| 1940 | | | | |
| (10 years ago) | 6,672,240 | 27.00 | 322,666.55 | 2812 |

In 1949 the average per pupil cost was \$94.97

In 1940 the average per pupil cost was \$69.12

During the period 1945-50, 43 additional classrooms were constructed in order to accommodate the growing school population and to replace makeshift and undesirable classroom facilities.

(35)

Private Schools

Commercial.....2
 Correspondence.....3 including Department of Education
 Creative Photography.....1
 Dancing.....4
 Dressmaking & Arts.....1
 Driving.....1
 Flying.....2
 Golf.....2
 Kindergarten.....2
 Music and Arts.....1
 Physical Culture and
 Expression1
 Radio and Television1
 Speech, **Arts** and Drama...3
 Trade.....3

(36)

THEATRES AND HALLS

Theatres

| | <u>Seating
Capacity</u> | <u>Pictures
Only</u> | <u>Stage</u> | <u>Piano</u> |
|-------------------------|-----------------------------|--------------------------|--------------|--------------|
| Avenue | 750 | yes | no | no |
| Capitol | 1498 | yes | yes | yes |
| Dreamland | 720 | yes | no | no |
| Empress | 798 | yes | no | yes |
| Garneau | 779 | yes | yes | yes |
| Gem | 495 | yes | no | no |
| Princess | 650 | yes | no | no |
| Rialto | 1203 | yes | yes | no |
| Roxy | 496 | yes | no | no |
| Starlite (drive in) | 650 cars | yes | | |
| Strand | 968 | stage | show yes | yes |
| Tivoli | 506 | yes | no | no |
| Varscona | 499 | yes | no | no |
| West Glen High | | | | |
| School Auditorium | 1000 | stage | show yes | yes |
| Convocation Hall | 750 | stage | show yes | yes |
| Education Building | 650 | stage | show yes | yes |
| Composite High School | 800 | stage | show yes | yes |
| Civic Recreation Centre | 496 | stage | show yes | yes |

• • • • •

| Number of hauls | 1. <i>Chirocentrus</i> | 2. <i>Chirocentrus</i> | 3. <i>Chirocentrus</i> | 4. <i>Chirocentrus</i> | 5. <i>Chirocentrus</i> | 6. <i>Chirocentrus</i> | 7. <i>Chirocentrus</i> | 8. <i>Chirocentrus</i> | 9. <i>Chirocentrus</i> | 10. <i>Chirocentrus</i> |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| 1 | 85 | 15 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 2 | 75 | 25 | 15 | 10 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3 | 65 | 35 | 25 | 15 | 10 | 5 | 5 | 5 | 5 | 5 |
| 4 | 55 | 45 | 35 | 25 | 15 | 10 | 5 | 5 | 5 | 5 |
| 5 | 45 | 55 | 45 | 35 | 25 | 15 | 10 | 5 | 5 | 5 |
| 6 | 35 | 65 | 55 | 45 | 35 | 25 | 15 | 10 | 5 | 5 |
| 7 | 25 | 75 | 65 | 55 | 45 | 35 | 25 | 15 | 10 | 5 |
| 8 | 15 | 85 | 75 | 65 | 55 | 45 | 35 | 25 | 15 | 10 |
| 9 | 10 | 90 | 85 | 75 | 65 | 55 | 45 | 35 | 25 | 15 |
| 10 | 5 | 95 | 90 | 85 | 75 | 65 | 55 | 45 | 35 | 25 |

• • •

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

• • •

• • • • •

• • •

• • • • •

• • • • •

• • • • •

• • • • •

• • • • •

• • • • •

1. 1

• • • • •

(36)

Theatres now under construction or in the planning stage

| | <u>Seating Capacity</u> | <u>Pict. Only</u> | <u>Stage</u> | <u>Piano</u> |
|----------------------------|-------------------------|-------------------|--------------|--------------|
| Annex | 349 | yes | no | no |
| Fort | 500 | yes | no | no |
| Golden Spike
(drive in) | 550 cars | | | |
| Odeon | 1150 | yes | no | no |
| Paramount | 1750 | yes | no | no |

Halls - (Licensed for dancing and entertainment)

Acacia Masonic Hall
 All Saints' Parish Hall
 Cameo Cafe Cabaret
 Chicken Bar-B-Q
 Club Roosevelt Cabaret
 Edmonton Arena (Hockey, Stock Shows and large crowd accommodation)
 Club Anton
 Edelweiss Hall
 Grove Cabaret
 Hep's Dine and Dance
 Macdonald Hotel
 Masonic Temple
 Memorial Hall
 Moose Hall
 M. H. Ukrainian Institute Hall
 Norwood I.O.O.F. Hall
 Palace Gardens
 Polish Canadian Society
 Rainbow Ballroom
 Rustic Inn
 Seona Assembly Hall
 Skyland Ballroom
 Trocadero Ballroom
 Ukrainian Canadian Association Hall
 Ukrainian National Home of Education

In addition to the foregoing there are the following community league halls:

| <u>League Name</u> | <u>Capacity</u> | <u>Stage</u> | <u>Piano</u> |
|--------------------|-----------------|--------------|--------------|
| Alberta Avenue | 350 | yes | yes |
| Cloverdale | 500 | yes | yes |
| Eastwood | 80 | no | no |
| Forest Heights | 150 | no | no |
| Highlands | 300 | no | no |
| Jasper Place | 300 | yes | yes |
| McCauley | 250 | yes | yes |
| North Edmonton | 300 | yes | yes |
| Riverdale | 250 | yes | yes |
| Westmount | 100 | yes | yes |

(37)

CULTURAL ACTIVITIES

Music

(a) Women's Musical Club gives regular concerts by young Alberta talent, during the winter season, sponsors the Celebrity series consisting of approximately twelve concerts annually; offers scholarships annually to outstanding Alberta music students.

(37)

- (b) Edmonton Philharmonic Society -- three or four concerts annually -- approximately eighty members.
- (c) Civic Opera Company produces at least two operas or operettas annually - over one hundred members.
- (d) Edmonton Teen Age Chorus - two or three concerts under its own sponsorship annually and gives a number of performances under other sponsorships; approximately twenty members.
- (e) Edmonton Male Chorus - approximately forty members; four or five concerts annually under their own sponsorship and performs on many other occasions in aid of various charities, etc.
- (f) Music Forum: A group of fifteen to twenty musicians who meet in private homes at least once a month during the winter season; mainly concerned with smaller works such as Chamber Music.
- (g) A number of Ukrainian choral and instrumental groups.
- (h) Monthly Sunday concerts given at the University of Alberta under the University Musical Club, open to the general public - no admission charges.
- (i) Numerous school concerts and church choruses.
- (j) Pops concerts given under the auspices of the Edmonton Recreation Commission - five concerts last season - seven planned for this summer.
- (k) Edmonton Branch, Alberta Registered Music Teachers' Association, which sponsors monthly recitals.
- (L) University Symphony Orchestra - composed mainly of students - approximately fifty members - gives one concert annually.
- (m) The University Mixed Chorus of one hundred and thirty voices gives one annual concert repeated for three nights in Edmonton, two nights in Calgary, and visits a number of local high schools during the term -- proceeds on a ten day tour through southern Alberta at the end of the term.

Drama

- (a) The Edmonton Community Theatre presents three or more three-act plays annually, also a number of workshop productions of an experimental nature - forty or fifty members.
- (b) The Studio Players, University of Alberta - just organized and has given one full length play.
- (c) The C.Y.O. Drama Group which organizes an annual festival of one-act plays.
- (d) A number of churches and community leagues have small drama groups which give one or two plays annually.

(37)

- (e) The C.J.C.A. Radio Players which gives weekly broadcasts during the winter.
- (f) The University Drama - a student body which presents one play annually and usually sponsors an interfaculty play competition.
- (g) The School Broadcasts Drama Groups presented over CKUA -- two or three broadcasts each week throughout the school term.

Art and Crafts

- (a) The Museum of Arts throughout the year presents exhibitions of international, national and provincial collections. Organises classes in painting and crafts generally; special children's classes on Saturdays.
- (b) The Edmonton Branch of the Federation of Canadian Artists meets regularly throughout the year and works very closely with the Museum of Arts.
- (c) The Edmonton Branch of the Alberta Society of Artists meets regularly.
- (d) The Edmonton Branch, Alberta Division of the Canadian Handicrafts Guild, holds regular monthly meetings and sponsors semi-annual displays of crafts.
- (e) The Edmonton Art Club

General.

1. Fine Arts Department of the University of Alberta, is tied in very closely with the work of the University Extension Department.

(a) The Music Division, in addition to giving courses under University curriculum, is the governing body of the Western Board of Music, Alberta Branch.

(b) Drama - in addition to giving courses under the curriculum gives classes in drama for the general public.

(c) Art - evening classes open to the public in addition to curriculum courses.

(d) Provides lecture service; films and slides; open shelf and travelling libraries; study courses; debating material and community life conferences. Conducts Banff School of Fine Arts.

2. Edmonton City Recreation Commission provides general supervision of city recreational areas and initiates programme in a broad recreational field including the arts, crafts, physical recreation and sports generally. It co-operates very closely with the Federation of Community Leagues.

3. Federation of Community Leagues - this body co-ordinates the activities of individual community leagues which in

their turn provide for an all round recreational program.

4. The Edmonton Public Library consisting of the Main Library, a South side branch and a bookmobile (one more bookmobile planned for this year). It not only provides a wide range of reading material but is developing as a cultural centre. It maintains a large library of records which may be borrowed and gives regular recorded concerts of good music in its special music room. It also provides rehearsal space for such organizations as the Edmonton Symphony Orchestra and various groups can use its facilities for Sunday recitals. Regular showing of cultural films are also featured. The Library maintains a large section of reference books, many of which are concerned with arts and crafts.

Public Library Circulation Statistics for 1949

During the year 1949 Edmonton citizens borrowed 660,064 books from the Public Library. Of this total, 400,480 books were borrowed by adults and 259,584 were borrowed by children.

The total circulation showed an increase of 627 over 1948. The circulation of books for 1949 was distributed as follows:-

| | <u>Total Circulation</u> | |
|------------|--------------------------|----------------|
| | <u>1948</u> | <u>1949</u> |
| North Side | 382,627 | 362,031 |
| South Side | 164,563 | 169,425 |
| Bookmobile | <u>112,247</u> | <u>128,608</u> |
| | 659,437 | 660,064 |

| | <u>Adult Circulation</u> | |
|------------|--------------------------|---------------|
| | <u>1948</u> | <u>1949</u> |
| North Side | 263,732 | 249,625 |
| South Side | 103,594 | 110,051 |
| Bookmobile | <u>43,374</u> | <u>40,804</u> |
| | 410,700 | 400,480 |

| | <u>Juvenile Circulation</u> | |
|------------|-----------------------------|---------------|
| | <u>1948</u> | <u>1949</u> |
| North Side | 118,895 | 112,406 |
| South Side | 60,969 | 59,374 |
| Bookmobile | <u>68,873</u> | <u>87,804</u> |
| | 248,737 | 259,584 |

Of the total books circulation 54.8% were from the North Side Library, 25.7% from the South Side Library and 19.5% from the Bookmobile.

| <u>Expenditure</u> | <u>1949</u> |
|--------------------|-------------|
|--------------------|-------------|

| | |
|---------------------------|-------------|
| Operating Expenses | \$96,762.28 |
| Revenue Rents, Fees, etc. | 6,369.88 |

| | |
|---------------------|-----------|
| Net operating costs | 90,392.40 |
|---------------------|-----------|

| | |
|-----------------|---------|
| Cost per Capita | \$0.657 |
|-----------------|---------|

5. The Alberta College provides courses in music and drama.

6. For cultural activities in schools refer to Par. 35.

(38) YOUTH ACTIVITIES

Recreation Commission - Municipal

Superintendent - 10280 - 100 St. Tel. 24848

This commission is set up to advise the city council regarding the development of city parks, playgrounds and sports centres; and to co-operate with existing organizations promoting recreation, to the end that the most effective use will be made of all recreational facilities.

1949

| | |
|------------------|------------------|
| Expenditures | \$76,000.00 |
| Revenue | <u>12,000.00</u> |
| Net Expenditures | 64,000.00 |
| Population | 137469 |
| Cost per capita | 0.46 |

Boy Scouts Association (Edmonton District Council)

Canadian Girls in training (Edmonton Girls' Work Board)

Catholic Youth Organizations

Children's Work Board - Edmonton (R.E.C.A.)

Edmonton Youth Assembly

Girl Guides Association (Canadian)

Interdenominational Young People's Union

Royal Canadian Sea Cadets (Navy League of Canada)

R.C.S.C. Corps "Warrior"

Taxis Boys' Work Board (Edmonton and District)

12 Teen Clubs

Y.M.C.A.

Y.W.C.A.

Boy Scouts and Cubs

Girl Guides and Brownies

C.Y.O.

Taxis

C.G.I.T.

For further information see "Schools" Par. 35 and "Camps". Par. 33.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the implementation of the proposed changes. It details the steps involved in the rollout process, from initial planning to final execution. This section also addresses potential challenges and provides strategies to overcome them, ensuring a smooth transition to the new system.

3. The third part of the document discusses the ongoing monitoring and evaluation of the project. It highlights the need for continuous communication and collaboration between all stakeholders involved. This section also provides a timeline for the project, indicating key milestones and deadlines.

4. The fourth part of the document discusses the future of the organization. It outlines the long-term goals and vision, as well as the strategies to achieve them. This section also discusses the importance of innovation and continuous improvement, ensuring that the organization remains competitive in the market.

5. The fifth part of the document discusses the financial aspects of the project. It provides a detailed budget and financial forecast, showing the expected costs and revenues. This section also discusses the importance of financial transparency and accountability, ensuring that the organization's resources are used effectively.

6. The sixth part of the document discusses the legal and regulatory requirements of the project. It outlines the various laws and regulations that apply to the organization, as well as the steps to ensure compliance. This section also discusses the importance of legal counsel and the role of the legal department in the project.

7. The seventh part of the document discusses the human resources aspects of the project. It outlines the various roles and responsibilities of the staff involved, as well as the training and development programs. This section also discusses the importance of a strong organizational culture and the role of human resources in achieving the organization's goals.

8. The eighth part of the document discusses the environmental and social aspects of the project. It outlines the various environmental and social impacts of the project, as well as the steps to minimize and mitigate them. This section also discusses the importance of sustainable development and the role of the organization in promoting social responsibility.

9. The ninth part of the document discusses the conclusion of the project. It summarizes the key findings and recommendations, as well as the overall impact of the project. This section also discusses the importance of a final evaluation and the role of the project team in ensuring a successful outcome.

10. The tenth part of the document discusses the appendix. It provides additional information and data that support the main body of the document. This section also includes a list of references and a glossary of terms, ensuring that the document is easy to read and understand.

(39) SPORTS

Edmonton Athletic Council
Four Athletic Clubs
Five Golf Courses
Seven Curling Clubs
Badminton Club
Roller Skating Club
Archery Club
Gun Club
Two Rifle Clubs
Riding Academy
Two Motorcycle Clubs
Two Speed Skating Clubs
Two Model Aircraft Clubs
Thirty-two Community Leagues
Two Swimming Clubs
Ten Bowling Clubs
Seven Tennis Clubs
Two Skating Clubs
Track and Field Club
Three Table Tennis Clubs
Three Boxing Clubs
Wrestling Clubs
Horseshoe Club
Four Skiing Clubs
383 Hockey Teams
20 Basketball Teams
4 Volleyball Teams
15 Rugby Teams
6 Cricket Teams
10 Soccer Teams
242 Softball Teams
28 Baseball Teams

For further information refer to "Schools" par. 35.

Sports Facilities

Renfrew Park Baseball Field
Clarke Stadium and Athletic Field
South Side Athletic Grounds
1 Roller Skating Drome
46 Hockey and Skating Rinks
(3 covered, 1 artificial ice)
5 Curling Rinks
(2 artificial ice)
4 Ski Hills
2 Ski Jumps
3 Swimming Pools (outdoor)
3 Swimming Pools (indoor)
21 Tennis Courts
Tobaggan Run
Speed Skating Oval
20 Playgrounds
6 Wading Pools
13 Tot Lots
15 Recreation Halls

For further information refer to "Schools" par. 35.

(40) FAIRS

Class "A".

Annual Exhibition of Livestock, Agricultural Products, Agricultural Machinery and Horse Racing which lasts for six days. There is also exhibits of Art, Handicraft, Household Science, Education, Horticulture and Manufactured Products.

Spring Horse Show and Horse Races

(41) HISTORIC SITES

There is a cairn erected two miles north east of L'Amoureux, near the road passing through River Lot 8, Fort Saskatchewan settlement, to commemorate the Old Fort Augustus (1794) and Old Fort Edmonton (1795)

A monument with tablets bearing the following inscription in French and English has been erected near the Administration Building on 109 St. Edmonton:-

"The Alberta Field Force under Major-General Thomas Bland Strange, comprising detachments of the North West Mounted Police, Alberta Mounted Rifles, Steele's Scouts, 65e Carabiniers Mont Royal, and Winnipeg Light Infantry, advanced from Calgary via Edmonton, using wagon and boat transport, and engaged the Indians under Big Bear near Frenchmen's Butte and at Loon Lake. The operations of this force averted the danger of an Indian uprising in Alberta".

On 101 st Street just south of Jasper Avenue in the centre of the city, stands a little grey church, the George McDougall Memorial Church and Shrine, which bears the sign "Methodist Church - 1871". It is the first Protestant Church built in Alberta.

(42) CO-OPERATIVES

Edmonton Co-operative Store (General)
Alberta Co-operative Wholesale Association Ltd.
(General)
Northern Alberta Dairy Pool
Alberta Seed Growers Co-operative
Commercial Feeders Co-operative
Commercial Vegetable Co-operative
Alberta Livestock Co-operative
Federated Co-operative Services
Edmonton Co-operative Builders Association
Edmonton Fur Farmers Co-operative
United Grain Growers Ltd.
Alberta Wheat Pool
Alberta Wool Growers Co-operative
Belmont Electric Co-operative
Namao Electric Co-operative
Salisbury Light and Power Co-operative
Clover Bar Rural Electrification Co-operative
Alberta Poultry Producers Ltd.
Credit Unions 40

(43) INDUSTRY AND BUSINESS

| <u>Type of Business</u> | <u>Number
of
Establishments</u> | <u>Producer or
Manufacturer</u> | <u>Whole-
Sale</u> | <u>Re-
tail</u> |
|--|---|-------------------------------------|------------------------|---------------------|
| Advertising - Sales | | | | |
| Promotion..... | 4 | ..... | ..... | 4 |
| Advertising - Agencies..... | 6 | ..... | ..... | 6 |
| Advertising - Distributors..... | 4 | ..... | ..... | 4 |
| Advertising - Service..... | 2 | ..... | ..... | 2 |
| Aeroplane Dealer Agencies..... | 3 | 1 | 1 | 3 |
| Aerial Photographers..... | 2 | ..... | ..... | 2 |
| Air Flying - Instructors..... | 3 | ..... | ..... | ..... |
| Air Line Companies..... | 11 | ..... | ..... | 11 |
| Ambulances - Private..... | 2 | ..... | ..... | 2 |
| Apartments & Blocks..... | ..... | ..... | ..... | ..... |
| (4 suites and up)..... | 749 | ..... | ..... | ..... |
| Architects..... | 18 | ..... | ..... | ..... |
| Artists (Commercial)..... | 9 | ..... | ..... | 9 |
| Asphalt Products..... | 3 | ..... | 1 | 3 |
| Auctioneers..... | 16 | ..... | ..... | 16 |
| Auditors and Public..... | ..... | ..... | ..... | ..... |
| Accountants..... | 70 | ..... | ..... | ..... |
| Auto Camps..... | 8 | ..... | ..... | ..... |
| Auto Glass and Glazing..... | 7 | ..... | ..... | 7 |
| Auto Radiator Repairs..... | 6 | ..... | ..... | 6 |
| Auto Parts and Accessories..... | 40 | ..... | 24 | 16 |
| Auto Repairs..... | 27 | 2 | ..... | 25 |
| Auto Dealer Agencies..... | 14 | ..... | ..... | 14 |
| Auto Springs..... | 3 | ..... | ..... | 3 |
| Auto Tires..... | 18 | ..... | 9 | 18 |
| Auto Tops and Upholstering..... | 5 | ..... | ..... | 5 |
| Auto Wreckers..... | 9 | ..... | ..... | 9 |
| Awning and Tent Makers..... | 3 | 3 | 3 | 3 |
| Baby Sitting Agencies..... | 4 | ..... | 4 | ..... |
| Bakeries..... | 35 | 35 | 11 | 27 |
| Baggage Trunks and Fine..... | ..... | ..... | ..... | ..... |
| Leather Goods..... | 12 | ..... | 5 | 7 |
| Barber Shops and Beauty..... | ..... | ..... | ..... | ..... |
| Parlours..... | 202 | ..... | ..... | 202 |
| Bakers' Equipment..... | 1 | ..... | ..... | 1 |
| Banks (Branches)..... | 31 | ..... | ..... | ..... |
| Barbers' Supplies..... | 2 | ..... | 2 | ..... |
| Billiard Supplies..... | 2 | ..... | 2 | ..... |
| Barristers and Solicitors..... | 94 | ..... | ..... | ..... |
| Beauty Counsellors..... | 6 | ..... | ..... | 6 |
| Beauty Parlor Supplies..... | 3 | ..... | 3 | ..... |
| Beds and Bedding (See Dept.
Stores) | | | | |
| Bicycle and Repairs -..... | 16 | ..... | 1 | 15 |
| Bicycle Rentals..... | 2 | ..... | ..... | 2 |
| Billiard and Bowling Parlors..... | 13 | ..... | ..... | 13 |
| Binder Twine (See Hardware)..... | 1 | ..... | 1 | ..... |
| Biscuits (Plus Groceries)..... | 5 | ..... | 5 | ..... |
| Blacksmith Shops..... | 3 | ..... | ..... | 3 |
| Blacksmith Supplies..... | 4 | ..... | 4 | ..... |
| Blueprinting and Drafting..... | 3 | ..... | ..... | 3 |
| Boarding and Lodging Houses..... | 430 | ..... | ..... | ..... |
| Boat Builders..... | 2 | 2 | 1 | 2 |
| Boiler Repairs and Man-
ufacturers..... | 3 | 1 | 1 | 3 |
| Bond Companies..... | 2 | ..... | ..... | ..... |

(43) Industry and Business
Continued -

| <u>T</u>
<u>Type of Business</u> | <u>Number</u>
<u>of</u>
<u>Establishments</u> | <u>Producer or</u>
<u>Manufacturer</u> | <u>Whole-</u>
<u>Sale</u> | <u>Re-</u>
<u>tail</u> |
|-------------------------------------|---|---|------------------------------|---------------------------|
| Book Binding | 4 | ..... | ..... 4 | 4 |
| Books and Stationery..... | ..... | ..... | ..... | ..... |
| (See Office Supplies).... | ..... | ..... | ..... | ..... |
| Box Manufacturers..... | 4 | ..... | ..... 4 ..... | ..... |
| Brewers and Agents..... | 4 | 2 | 4 ..... | ..... |
| Brick Manufacturers..... | 2 | 2 | 2 | 2 |
| Bus Lines..... | 9 | ..... | ..... | ..... |
| Building Supplies..... | 32 | 12 | ..... | 32 |
| Butchers' Supplies..... | 3 | ..... | ..... | 3 |
| Cabinet Makers..... | 24 | 24 | 2 | 24 |
| Calculating Machines..... | 6 | ..... | ..... | 6 |
| Cameras (See Stationery) | ..... | ..... | ..... | ..... |
| Candy..... | 6 | 4 | 6 ..... | ..... |
| Cans..... | 1 | ..... | ..... 1 ..... | ..... |
| Carpets (See Furniture | ..... | ..... | ..... | ..... |
| Stores)..... | 3 | 1 | 3 ..... | ..... |
| Cartage and Delivery (See | ..... | ..... | ..... | ..... |
| Trucking Service) | ..... | ..... | ..... | ..... |
| Cereals..... | 1 | 1 | 1 ..... | ..... |
| Chemicals..... | 9 | 1 | 9 ..... | ..... |
| Chimney Sweeps..... | 3 | ..... | ..... | ..... |
| China and Crockery, plus | ..... | ..... | ..... | ..... |
| hardware stores..... | 6 | ..... | ..... 4 | 2 |
| Chiropodists..... | 7 | ..... | ..... | ..... |
| Chiropractors..... | 18 | ..... | ..... | ..... |
| Church Furniture and | ..... | ..... | ..... | ..... |
| Supplies..... | 2 | ..... | ..... 1 | 1 |
| Cleaners (Household)..... | 2 | ..... | ..... | ..... |
| Cleaners and Dyers..... | See Dry Cleaners | ..... | ..... | ..... |
| Clinical Laboratories.... | 2 | ..... | ..... | ..... |
| Clothing (Men's)..... | 45 | ..... | ..... | 45 |
| Clothing (Women's & | ..... | ..... | ..... | ..... |
| Children's)..... | 36 | ..... | ..... | 36 |
| Cold Storage..... | 3 | ..... | ..... 3 ..... | ..... |
| Collection Agencies..... | 6 | ..... | ..... | ..... |
| Confectionery and Fruit.. | 56 | ..... | ..... 10 | 46 |
| Coal Distributors | 29 | ..... | ..... 20 | 9 |
| Concrete Products & Ready | ..... | ..... | ..... | ..... |
| Mix | 12 | 12 | 12 | 12 |
| Contractors (Cement)..... | 7 | ..... | ..... | ..... |
| Contractors (Concrete)... | 15 | ..... | ..... | ..... |
| Contractors (Excavating).. | 13 | ..... | ..... | ..... |
| Contractors (Flooring)... | 8 | ..... | ..... | ..... |
| Contractors (General).... | 11 | ..... | ..... | ..... |
| Contractors (Oilwell).... | 1 | ..... | ..... | ..... |
| Contractors (Pipeline)... | 4 | ..... | ..... | ..... |
| Contractors (Railway Ties) | 2 | ..... | ..... | ..... |
| Contractors (Roads)..... | 11 | ..... | ..... | ..... |
| Contractors (Shingle).... | 2 | ..... | ..... | ..... |
| Contractors (Telephone | ..... | ..... | ..... | ..... |
| and Power lines)..... | 2 | ..... | ..... | ..... |
| Contractors (Water and | ..... | ..... | ..... | ..... |
| Sewer)..... | 2 | ..... | ..... | ..... |
| Contractors (Building)... | 379 | ..... | ..... | ..... |
| Corsets (Specialists).... | 13 | ..... | ..... | 13 |
| Costumiers (Masquerade).. | 1 | ..... | ..... | 1 |
| Creosoting Companies..... | 2 | 2 | 2 ..... | ..... |

[illegible][illegible]

(43) Industry and Business
Continued

| Type of Business | Number
of
Establishments | Producer or
Manufacturer | Whole-
Sale | Re-
tail |
|---|--------------------------------|-------------------------------|----------------|-------------|
| Crest Makers | 3 | 2 | 2 | 1 |
| Custom Brokers..... | 5 | | | |
| Dairies..... | 8 | 6 | 4 | 8 |
| Dairy Supplies..... | 3 | | 3 | 3 |
| Dehydrating Plants (Feed)... | 1 | 1 | 1 | |
| Dental Laboratories | 17 | 17 | 17 | 17 |
| Dental Supplies..... | 4 | | 4 | |
| Dentists..... | 93 | | | |
| Departmental Stores..... | 16 | | | 16 |
| Designers (Interior)..... | 1 | | | |
| Detective Agencies..... | 1 | | | |
| Draughting..... | 4 | | | 4 |
| Dressmakers (Private)..... | 40 | 40 | | 40 |
| Drilling (Wells)..... | 11 | | | 11 |
| Driveurself Cars..... | 3 | | | |
| Drugs | 91 | 2 | 7 | 82 |
| Dry Cleaners..... | 72 | | | |
| Dry Cleaning and Laundry
Supplies..... | 2 | | | 2 |
| Electrical Appliances..... | 44 | | 10 | 34 |
| Electrical Contractors..... | 21 | | | |
| Elevators/Grain-Government
Terminal..... | 1 | Total capacity 2,350,000 Bus. | | |
| Elevators/Private Terminal.. | 1 | Total capacity 40,000 Bus. | | |
| Elevators/Licensed Mill..... | 2 | Total capacity 155,000 Bus. | | |
| Elevators/Country Elevators. | 4 | Total capacity 205,000 Bus. | | |
| Elevators Feed Mill Storage. | 4 | Total capacity 78,000 Bus. | | |
| Elevators/Passenger & Freight
Sales and Service..... | 3 | | | 3 |
| Engineers - Consulting..... | 12 | | | |
| Engineers and Surveyors..... | 14 | | | |
| Engineers and Surveyors
Supplies..... | 4 | | | 4 |
| Engines Industrial..... | 11 | | | 11 |
| Excavating..... | See Contractors | | | |
| Engravers (Photo)..... | 4 | 4 | | 4 |
| Excelsior (Paper)..... | 3 | 3 | 3 | 3 |
| Extracts and Spices..... | 4 | | 1 | 3 |
| Feeds (Grain)..... | 10 | 9 | 8 | 2 |
| Fertilizers..... | 6 | 2 | 4 | 4 |
| Financial Agents..... | 12 | | | |
| Fire Fighting Equipment..... | 12 | | | 12 |
| Fire and Smoke Detectors.... | 1 | 1 | 1 | 1 |
| Fish (Not including Depart-
ment Stores and Meat Stores) | 12 | | 7 | 5 |
| Fish Nets and Twines..... | 1 | | 1 | 1 |
| Floor Layers (lino and asphalt
tile)..... | 8 | | | 8 |
| Floor Polishing..... | 3 | | | |
| Floor Surfacing..... | 12 | | | |
| Florists..... | 22 | 14 | 14 | 22 |
| Flour (Plus Grocery Dealers) | 9 | 1 | 9 | |
| Freight Charge Adjusters.... | 1 | | | |

(43) Industry and Business
Continued -

| Type of Business | Number
of
Establishments | Producer or
Manufacturer | Whole-
Sale | Re-
tail |
|---|--------------------------------|-----------------------------|----------------|-------------|
| Freight Distributing Agents ..2 | | | |2 |
| Frozen Food Lockers.....2 | | | |2 |
| Frozen Foods.....1 | | | 1 | |
| Fruit and Vegetable (Plus
producers in city market and
grocery stores).....10 | | |8 |2 |
| Fumigators.....3 | | | | |
| Funeral Parlours.....6 | | | | |
| Funeral Parlours Supplies.....2 | | 1 |2 | .... |
| Fur Buyers (Raw).....15 | | | | |
| Fur Farm Foods and Supplies...2 | | 1 |1 |2 |
| Fur Farms.....1 | | 1 | .... | ....1 |
| Furriers.....21 | | | |21 |
| Furniture.....40 | | 11 |5 |25 |
| Furniture Repairers and
Polishers.....3 | | | |3 |
| Furniture Upholstering | See Upholstering | | | |
| Furniture Movers.....11 | | | | |
| Garages.....73 | | | |73 |
| Gas - (Anasthetic).....1 | | |1 |1 |
| Gas - (Natural) Public
Utility.....1 | | 1 |1 |1 |
| Gas - (Propane).....3 | | |2 |3 |
| Gas - (Pintsch).....1 | | 1 |1 |1 |
| Geophysical Exploration.....6 | | | | |
| Glass - Auto.....5 | | |1 |4 |
| Glass (Flat) See Hardware and Sash Woodwork | | | | |
| Glass Containers.....1 | | |1 | .... |
| Grain Merchants.....14 | | |11 |3 |
| Gravel Supplies.....7 | | | |7 |
| Groceries and Groceterias....410 | | |11 |399 |
| Gunsmiths.....5 | | | |5 |
| Gymnasiums (Private).....1 | | | | |
| Handbag Repairs .....1 | | 1 |1 |1 |
| Hardware.....63 | | |10 |53 |
| Harness and Saddlery.....7 | | 1 |2 |5 |
| Hats (Men's Felt).....1 | | 1 |1 |1 |
| Hatcheries.....14 | | 14 | .... | ....14 |
| Hearing Aids.....10 | | | |10 |
| Herbalists.....3 | | | |3 |
| Herbalists Supplies.....2 | | |2 |2 |
| Hobbies and Handicraft.....4 | | | |4 |
| Hog Ranches.....5 | | 5 | .... | ....5 |
| Honey.....3 | | 1 |3 | .... |
| Hospitals.....7 | | | |7 |
| Hospital Supplies.....4 | | | |4 |
| Hotels (Licensed to sell)
(beer).....22 | | | |22 |
| Hotels (Unlicensed).....14 | | | |14 |
| Hotels Supplies.....6 | | | |6 |
| Ice (Dry).....1 | | 1 |1 |1 |
| Ice Cream.....4 | | 4 |4 | .... |
| Ice Cream Cones.....1 | | 1 |1 |1 |
| Ice (Natural).....1 | | 1 |1 |1 |

(43) Industry and Business
Continued -

| Type of Business | Number of Establishments | Producer or Manufacturer | Whole-Sale | Re-tail |
|--|--------------------------|--------------------------|------------|---------|
| Implements | 26 | ..... | 13..... | 26 |
| Instrument Repairs..... | 3 | ..... | ..... | ..... |
| Insulation (Applicators)..... | 10 | ..... | ..... | ..... |
| Insulation (Supplies)..... | 7 | ..... | 7 | 7 |
| Insurance Fire..... | 100 | ..... | ..... | ..... |
| Insurance Life..... | 27 | ..... | ..... | ..... |
| Insurance Adjusters..... | 7 | ..... | ..... | ..... |
| Investment Dealers..... | 9 | ..... | ..... | ..... |
| Investment Securities..... | 9 | ..... | ..... | ..... |
| Iron and Steel..... | 6 | ..... | 6 | 6 |
| Janitor Service | 2 | ..... | ..... | ..... |
| Jewellers..... | 41 | 2 | 6 | 34 |
| Junk Dealers..... | 3 | ..... | ..... | ..... |
| Knitting Factories..... | 1 | 1 | 1 | 1 |
| Landscape Gardeners..... | 9 | ..... | ..... | ..... |
| Lapidaries | 1 | 1 | 1 | 1 |
| Laundries | 36 | ..... | ..... | 36 |
| Lawyers (See Barristers and Solicitors)..... | ..... | ..... | ..... | ..... |
| Lighters (Pocket) Repairs.... | 1 | ..... | ..... | 1 |
| Lightning Rods..... | 2 | ..... | 1 | 2 |
| Liquor Stores | 3 | ..... | 1 | 3 |
| Liquid Oxygen..... | 3 | 2 | 3 | 3 |
| Liquid (CO ₂)..... | 1 | 1 | 1 ..... | ..... |
| Lithographers..... | 2 | 2 | 2 | 2 |
| Live Stock Brokers..... | 3 | ..... | ..... | ..... |
| Live Stock Dealers..... | 12 | ..... | 12..... | ..... |
| Live Stock Feeders..... | 2 | ..... | ..... | ..... |
| Loan Companies..... | 9 | ..... | ..... | ..... |
| Locksmiths..... | 1 | ..... | ..... | 1 |
| Lumber Mills and Dealers..... | 45 | 18 | 18..... | 27 |
| Machine Shops..... | 38 | 38 | ..... | ..... |
| Machinery Dealers..... | 30 | ..... | 30..... | 30 |
| Mail Order Houses..... | 5 | ..... | ..... | 5 |
| Manufacturers Agents..... | 30 | ..... | 30..... | ..... |
| Masquerade Costumiers..... | 3 | ..... | ..... | 3 |
| Massage..... | 5 | ..... | ..... | ..... |
| Meat Markets..... | 67 | ..... | ..... | 67 |
| Mercantile Agencies..... | 2 | ..... | ..... | ..... |
| Messenger Service..... | 3 | ..... | ..... | ..... |
| Metallizing..... | 1 | 1 | ..... | 1 |
| Mimeographing..... | 7 | ..... | ..... | 7 |
| Mining Companies (Metals).... | 6 | ..... | ..... | ..... |
| Monuments..... | 7 | 4 | 1 | 7 |
| Motor Cycles Repairs..... | 5 | ..... | 3 | 5 |
| Mushroom Growers..... | 1 | 1 | 1 | 1 |
| Music Schools and Teachers.... | 34 | ..... | ..... | ..... |
| News Service | 3 | ..... | 3 ..... | ..... |
| Newspapers and Publishers.... | 12 | 12 | 12..... | 12 |
| Novelties..... | 8 | 1 | 7 | 5 |
| Nursing Homes..... | 6 | ..... | ..... | ..... |

(43) Industry and Business
Continued -

| Type of Business | Number
of
Establishments | Producer or
Manufacturer | Whole-
Sale | Re-
tail |
|---|--------------------------------|-----------------------------|----------------|-------------|
| Office Supplies..... | 12 | ..... | 4 | 8 |
| Oil Research..... | 3 | ..... | ..... | ..... |
| Oil Companies..... | 39 | 39 | ..... | ..... |
| Oil and Gas Well Supplies and
Services..... | 99 | | | 99 |
| Oil Refiners and Distributors.. | 9 | 9 | 9 | ..... |
| Oil Well Drilling Contractors.. | 22 | ..... | ..... | ..... |
| Optometrists..... | 31 | ..... | ..... | 31 |
| Orchestras - Commercial..... | 5 | ..... | ..... | ..... |
| Oxygen - See Liquid Oxygen..... | ..... | ..... | ..... | ..... |
| Packing Plants..... | 6 | 6 | 6 | ..... |
| Paint - plus hardware stores... | 15 | 2 | 15 | ..... |
| Painters and Decorators..... | 91 | ..... | ..... | 91 |
| Paper Boxes..... | 1 | 1 | 1 | ..... |
| Paper Dealers..... | 7 | ..... | 7 | ..... |
| Patent Attorneys..... | 1 | ..... | ..... | ..... |
| Paving (Road) | 2 | 2 | 2 | ..... |
| Pawn Shops | 1 | ..... | ..... | 1 |
| Pets and Supplies..... | 1 | ..... | ..... | 1 |
| Photographers..... | 40 | 40 | ..... | 40 |
| Photographic Supplies plus
drug stores, etc..... | 5 | | 5 | |
| Photostat Prints..... | 4 | 4 | ..... | 4 |
| Physicians and Surgeons..... | 135 | ..... | ..... | ..... |
| Physio Therapy (Reg'd)..... | 6 | ..... | ..... | ..... |
| Piano Tuning..... | 8 | ..... | ..... | ..... |
| Picture Framing..... | 4 | 4 | ..... | 4 |
| Plasterers..... | 37 | ..... | ..... | ..... |
| Plastics Products..... | 2 | 1 | 1 | 2 |
| Plating (Electro)..... | 2 | 2 | ..... | 2 |
| Plumbing and Heating..... | 46 | ..... | ..... | 46 |
| Plumbers Supplies..... | 7 | ..... | 7 | ..... |
| Pool Car Shippers..... | 3 | ..... | ..... | ..... |
| Poultry Products..... | 11 | ..... | 11 | ..... |
| Printers..... | 27 | 27 | ..... | 27 |
| Propane (Liquid) Sec Gas | ..... | ..... | ..... | ..... |
| Roofing Applicators..... | 23 | ..... | ..... | 23 |
| Radiators (see Auto) | ..... | ..... | ..... | ..... |
| Radio Stations..... | 4 | 4 | ..... | 4 |
| Radios (Aircraft)..... | 2 | ..... | ..... | 2 |
| Radios (Auto)..... | 2 | ..... | ..... | 2 |
| Radio Sales and Service..... | 36 | 2 | 9 | 27 |
| Real Estate Agents..... | 150 | ..... | ..... | ..... |
| Restaurants (Licensed)..... | 256 | ..... | ..... | 256 |
| Rubber Goods (Wholesale)..... | 10 | ..... | 10 | ..... |
| Rubber Stamps and Seals..... | 1 | 1 | 1 | 1 |
| Rug Manufacturers and Repairs.. | 2 | 1 | 1 | 2 |
| Roofing Supplies..... | 9 | ..... | 9 | ..... |
| Safety Devices..... | 3 | 1 | 2 | 3 |
| Sand and Gravel..... | 16 | ..... | ..... | 16 |
| Sandblasting..... | 3 | ..... | ..... | ..... |
| Sash and Doors..... | 8 | 6 | 8 | 8 |
| Schools (Private)..... | ..... | ..... | ..... | ..... |
| Art and Drama..... | 2 | ..... | ..... | ..... |
| Business | 2 | ..... | ..... | ..... |
| Comptometer..... | 1 | ..... | ..... | ..... |
| Correspondence..... | 2 | ..... | ..... | ..... |

(43) Industry and Business
Continued -

| Type of Business | Number
of
Establishments | Producer or
Manufacturer | Whole-
Sale | Re-
tail |
|---|--------------------------------|-----------------------------|----------------|-------------|
| Dancing | 4 ..... | ..... | ..... |  |
| Dressmaking..... | 1 ..... | ..... | ..... |  |
| Driving..... | 1 ..... | ..... | ..... |  |
| Kindergarten..... | 4 ..... | ..... | ..... |  |
| Languages..... | 3 ..... | ..... | ..... |  |
| Music..... | 6 ..... | ..... | ..... |  |
| Theology..... | 1 ..... | ..... | ..... |  |
| Trade..... | 3 ..... | ..... | ..... |  |
| Second-Hand Stores | 94 ..... | ..... | ..... | 94 |
| Seeds | 14 ..... | ..... | 6 | 8 |
| Service Stations | 116 ..... | ..... | ..... | 116 |
| Sewing Machines Service..... | 6 ..... | ..... | ..... | 6 |
| Sheet Metal..... | 18 | 18 | ..... | 18 |
| Sheet Metal Supplies..... | 6 ..... | ..... | 6 | ..... |
| Shoes..... | 35 | 2 | 11 | 24 |
| Shoe Repairs..... | 16 ..... | ..... | ..... | 16 |
| Signs..... | 15 | 15 | ..... | 15 |
| Soap..... | 3 | 3 | ..... | ..... |
| Soft Drink Bottlers..... | 8 | 6 | 8 | ..... |
| Sports Supplies..... | 19 | 3 | 3 | 15 |
| Stenographers (public)..... | 13 | 13 | ..... | 13 |
| Stock Brokers..... | 8 ..... | ..... | ..... | 8 |
| Storage (Furniture - Freight) | 6 ..... | ..... | ..... | ..... |
| Surgical Supplies..... | 5 ..... | ..... | 5 | ..... |
| Tanneries..... | 3 | Custom Tanning | ..... | 3 |
| Taxi Stands | 36 ..... | ..... | ..... | 36 |
| Taxidermists | 1 | 1 | ..... | 1 |
| Telegraph Offices | 5 ..... | ..... | ..... | ..... |
| Telephone Offices..... | 3 ..... | ..... | ..... | ..... |
| Tent and Awning..... | 3 | 3 | 3 | 3 |
| Theatres (Movie Houses)..... | 12 ..... | ..... | ..... | ..... |
| Theatres (Drive In)..... | 1 ..... | ..... | ..... | ..... |
| Tire Repairs | 15 ..... | ..... | ..... | 15 |
| Tires Wholesale..... | 11 ..... | ..... | 11 | ..... |
| Tobacco and News Stores..... | 13 ..... | ..... | ..... | 13 |
| Tobacco (Wholesale)..... | 9 ..... | ..... | 9 | ..... |
| Tourist Camps..... | 10 ..... | ..... | ..... | ..... |
| Trailers | 6 | 3 | 3 | 6 |
| Truck Depots | 8 ..... | ..... | 8 | 8 |
| Truck Hauling Contractors.... | 17 ..... | ..... | 17 | 17 |
| Trucking Service..... | 132 ..... | ..... | ..... | 132 |
| Trust Companies | 11 ..... | ..... | ..... | 11 |
| Turkish Baths..... | 3 ..... | ..... | ..... | 3 |
| Undertakers (See Funeral
(Parlours)) | | | | |
| Uniforms | 1 | 1 | 1 | 1 |
| Upholstering..... | 15 | 4 | 4 | 15 |
| Variety Stores - 5¢ to \$1.00. | 5 ..... | ..... | ..... | 5 |
| Venetian Blinds | 5 | 5 | 5 | 5 |
| Veterinary Hospitals..... | 3 ..... | ..... | ..... | ..... |
| Veterinary Supplies | 3 ..... | ..... | 2 | 2 |

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

10

(43) Industry and Business
Continued -

| <u>Type of Business</u> | <u>Number
of
Establishments</u> | <u>Producer or
Manufacturing</u> | <u>Whole-Sale</u> | <u>Re-tail</u> |
|-------------------------|---|--------------------------------------|-------------------|----------------|
| Welding | 27 | ..... | 27 |27 |
| Welding Supplies..... | 12 | ..... | 12 | ..... |
| Window Cleaners..... | 6 | ..... | ..... | .....6 |

(44) SITES

Excellent building sites are available for homes and industries, with all utilities, such as gas, water, sewer, electric power, and trackage for industrial sites.

Details regarding available industrial sites can be obtained from the Industrial Commissioner, Civic Block, Edmonton, Alta.

(45) INDUSTRIAL DEVELOPMENT

Edmonton is the capital city of Alberta, and lies 60 miles south of the geographical centre of the province. It is a manufacturing, distributing and supply centre for central and northern Alberta, the Peace River block in British Columbia, the Yukon, Alaska, the North West Territories, and the focal point of a rich mixed farming, lumbering and mining district. The city is surrounded by vast oil and natural gas reserves that are now being rapidly developed.

When thinking in terms of development, the healthiest form of industrialization is when industry is based on the primary products obtained from the region in which the industry is located. The primary products or resources in the Edmonton trading area are as follows:

| | | |
|--|---|--|
| Asphalt |) | Horses, sheep, cattle, hogs. |
| Bentonite |) | Honey |
| Bituminous Sands |) | Limestone |
| Cereals such as: barley, flax, oats, rye and wheat |) | Lumber (pine, poplar, tamarac, spruce and birch) |
| Coal - bituminous and sub-bituminous. |) | Minerals (Uranium, pitch blende, gold, silver, lead and zing.) |
| Clay for cement |) | |
| Clay for bricks and building tile |) | Oil - 13° to 40° - A.P.I. gravity. |
| Dairy Products |) | Poultry, eggs, etc. |
| Electric Energy |) | Sand - common |
| Fish |) | Sand - glassmaking |
| Forage crops |) | Straw |
| Furs - (wild & farm) |) | Salt |
| Gas (natural) |) | Water |
| Gravel |) | |
| Gypsum |) | |

The annual production values of primary products in the Edmonton trading area for the year 1948, are as follows, with the exception that those items marked (a) are for the year 1949.

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

(45)

Alberta portion of Trading Area

| | | | |
|-------------------------|----------------|-----|-----|
| Barley | \$ 37 697 710 | | |
| Butter | 13 466 926 | | |
| Cattle | 40 210 900 | | |
| Calves | 4 274 884 | | |
| Cheese | 512 671 | | |
| Coal | 14 819 683 | | |
| Eggs | 10 338 604 | | |
| Fish - commercial | 609 880 | (a) | |
| Flax seed | 2 298 240 | | |
| Furs - wild | 1 888 248 | (a) | |
| Furs - farm | 1 380 084 | (a) | |
| Gas | 1 119 556 | (a) | (b) |
| Hogs | 42 850 445 | | |
| Honey | 626 890 | | |
| Lumber | 8 380 205 | | |
| Milk and Cream consumed | 6 782 953 | | |
| Oats | 34 158 170 | | |
| Oil | 44 818 186 | (a) | (c) |
| Poultry meat | 6 947 168 | | |
| Rye - fall | 2 266 650 | | |
| Rye - spring | 1 698 300 | | |
| Sheep and Lambs | 967 321 | | |
| Wheat | 57 027 600 | | |
| Total | \$ 334 141 274 | | |

Legend (a) 1949
 (b) Based on a well-head price of 4.75¢ per MCF.
 (c) Based on an average price of \$2.90¢ per barrel.

Peace River Block 1949 production, except coal which is for 1948

| | <u>Value</u> \$ |
|-----------------------|-----------------|
| Barley | 252 450 |
| Cattle | 265 000 |
| Coal | 51 780 |
| Flax and Forage crops | 380 000 |
| Honey | 18 445 |
| Oats | 1 980 000 |
| Peas | 23 625 |
| Timber | 2 156 478 |
| Wheat (Spring) | 4 025 000 |
| Total | \$ 9 152 778 |

| <u>Yukon - 1949 Production</u> | <u>Value</u> \$ |
|--------------------------------|-----------------|
| Gold | 2 828 772 |
| Lead | 837 400 |
| Silver | 1 157 558 |
| Zinc | 132 470 |
| Coal | 35 000 |
| Total | \$ 4 991 200 |

North-West Territories - 1949 production

| | <u>Value</u> \$ |
|-------------|-----------------|
| Gold | 6 410 484 |
| Silver | 47 817 |
| Natural Gas | 10 000 |
| Petroleum, | <u>400 000</u> |
| Total | \$ 6 868 301 |

Total value of the annual production of primary products in the Edmonton trading area:

| | <u>Value</u> \$ |
|------------------------|------------------|
| Alberta portion | 334 141 274 |
| Peace River Block | 9 152 778 |
| Yukon | 4 991 200 |
| North West Territories | <u>6 868 301</u> |
| Grand Total | \$355 153 553 |

Edmonton is a focal point for livestock marketing and processing. There are six packing plants and the local stockyards, that provide a ready market for livestock raised in the surrounding district. Four of these packing plants do a large export business.

Edmonton Livestock Marketings

| <u>Stockyards</u> | <u>1949</u> | <u>1948</u> |
|-------------------|--------------|-------------------------------------|
| | <u>No.</u> | <u>No.</u> |
| Cattle | 129,665 | 128 680 |
| Calves | 30,093 | 27 878 |
| Hogs | 149,967 | 124 775 |
| Sheep | 27,020 | 27 551 |
| Horses | <u>1,658</u> | <u>926</u> |
| Total | 338,403 | \$28,208 325 \$309 810 \$24 754 474 |

| <u>Packing Plants</u> | <u>1949</u> | <u>1948</u> |
|-----------------------|--------------|--------------------------------------|
| | <u>No.</u> | <u>No.</u> |
| Cattle | 84,122 | 86,434 |
| Calves | 55,035 | 59,927 |
| Hogs | 473,930 | 654 992 |
| Sheep | 27,864 | 35 620 |
| Horses | <u>7,470</u> | <u>18 864</u> |
| Total | 648,421 | \$ 37,830 965 \$855 837 \$45,321 483 |

Total Edmonton Marketings and Values

(Including a very small percentage of through-billed live-stock which originated in the district)

- 86 -

| | Receipts | Value | 1949 \$ | % of Total Value | Receipts | Value | \$ | % of Total Value |
|--------|----------|------------|---------|------------------|-----------|------------|----|------------------|
| Cattle | 213 787 | 31 345 449 | | 47.4 | 215 114 | 28 911 919 | | 41.5 |
| Calves | 85 128 | 3 873 323 | | 5.9 | 87 805 | 3 445 641 | | 5.0 |
| Hogs | 623 897 | 29 642 889 | | 44.9 | 765 589 | 35 665 760 | | 51.2 |
| Sheep | 54 884 | 931 929 | | 1.4 | 63 171 | 881 867 | | 1.3 |
| Horses | 9 128 | 245 700 | | 0.4 | 19 835 | 628 084 | | 1.0 |
| Total | 986 824 | 66 039 290 | | 100.0 | 1 151 514 | 69 533 271 | | 100.0 |

Gov't Hog Bonus
at Yards and
Plants

583 967

723 478

Grand Total \$ 66 623 257

\$70 256 749

Adjacent oil fields are being rapidly developed, and the average daily crude oil production in the fields surrounding Edmonton for the week ending July 31st, 1950, was as follows:-

| <u>Name of Field</u> | <u>Barrels</u> | <u>Wells Capable of Being Operated</u> |
|----------------------|----------------|--|
| Leduc | 34 282 | 437 |
| Redwater | 29 796 | 547 |
| Lloydminster | 2 789 | 138 |
| Excelsior | 1 166 | 19 |
| Stettler | 749 | 15 |
| Total | 68 782 | 1 156 |

The production of crude oil is restricted at present due to the lack of transportation facilities. However, a 20 inch pipe line is now being constructed from Edmonton to Regina and continuing to Superior, Wisconsin, in the United States, a distance of 1,150 miles. It will cost around \$90,000,000 and will have an initial capacity of 95,000 barrels, which can be boosted to 150,000 barrels per day. The official opening of this pipeline is scheduled to take place on October 4th, 1950.

The Imperial Oil Company operate a refinery on the east boundary of the city. This refinery was moved from Whitehorse, Alaska, and the capacity increased to 16,000 barrels per day. Under construction at present are two 10,000 barrel refineries; one will be operated by the McColl-Frontenac Corporation and the other by the British American Oil Company.

Natural gas from the surrounding fields provides heat, at a reasonable cost. For example, a ten storey office building of brick construction, built thirty-five years ago has the original steam boilers and heating equipment, and the total fuel costs for heating this building and providing hot water service during 1949 was \$3,014.71. The amount of natural gas consumed was 15,263 M.C.F.

Some of Alberta's major timber stands cover vast areas to the west, north-west and north of Edmonton. In a great arc the forests sweep from the foothills of the Rockies south of Jasper, through Edson, Westlock, Lesser Slave Lake and

Lac la Biche to the Saskatchewan border.

There are many varieties of timber, but those with definite commercial possibilities are pine, poplar, tamarac, spruce and birch.

A large number of planing mills, sash and door factories and similar secondary and finishing industries dependent upon lumber are situated in Edmonton. In 1948 for example, some 13 of these with 376 employees paid \$671, 693 in wages and produced \$2,397,985 worth of finished products.

In recent years, Alberta lumber has found a ready export market. The industry, however, has been kept busy supplying domestic requirements. Edmonton building permits for 1949 exceeded 40 million dollars, more than half of this was for housing.

Northwest Industries Limited operate a large, well equipped aircraft repair plant abutting the paved apron of the municipal airport.

It was from this airport in 1922 that Canadian bush pilots took off with prospectors, to blaze a trail for rapid transportation into Canada's rich and vast undeveloped north-land. The airport is fully modern with three runways, radar control, 16 hangars, and covers an area of 750 acres. One can travel by air to any part of the world from this airport.

It is the hub for four airlines that provide time schedule flights; five air transport companies that undertake charter flights; the R.C.A.F., R.C.M.P., and numerous private exploration companies.

As many as 82,500 aircraft have refuelled and used the field in one year, and 860 aircraft have passed through the city in 24 hours.

There is an auxiliary airport controlled by the city at Cooking Lake, 25 miles east of Edmonton on No. 14 Highway, for the accommodation of planes using floats for landing gear.

Other means of transportation are provided by three railway companies with inter-switching facilities, that service the north, south, east and west; one transportation company that serves points along the northern rivers and lakes; eight bus lines, some of which will take a person to any part of Canada or the United States. The city transit system, made up of street cars, trolley buses and gas buses, which carried 36,835,825 passengers during 1949.

There are eight truck depots, 17 truck hauling contractors and 132 trucking service establishments.

The Canadian Government terminal elevator with a capacity of 2,300,000 bushels is located at Edmonton on the Canadian National Railway. Edmonton's future is assured; its plentiful supply of water and fuels such as coal, oil and natural gas, along with a great variety and abundance of raw materials from Alberta's natural resources, will attract industries.

Proof of its growth is shown by the following statistics:-

| <u>RETAIL SALES:</u> | <u>EDMONTON</u> | <u>ALBERTA</u> |
|----------------------|-----------------|----------------|
| 1940 | \$ 43,062,984 | \$ 198,630,000 |
| 1941 | 47,931,400 | 221,071,400 |
| 1942 | 51,734,797 | 238,726,000 |
| 1943 | 57,233,032 | 263,900,000 |
| 1944 | 63,440,000 | 292,622,000 |
| 1945 | 69,647,000 | 321,250,000 |
| 1946 | 83,209,141 | 383,806,000 |
| 1947 | 89,972,000 | 415,000,000 |
| 1948 | 128,917,400 | 519,200,000 |
| 1949 | 143,272,000 | 581,090,000 |

WHOLESALE SALES:

| | | |
|------|-------------|-------------|
| 1941 | 41,334,300 | 102,940,000 |
| 1945 | 76,145,858 | 190,397,143 |
| 1946 | 98,000,000 | 245,000,000 |
| 1947 | 118,000,000 | 288,742,340 |
| 1948 | 125,000,000 | 351,023,676 |
| 1949 | 135,000,000 | 405,000,000 |

| <u>Year</u> | <u>Population</u> | <u>Building
No.</u> | <u>Permits
Value</u> | <u>Bank
Clearings</u> |
|-------------|-------------------|-------------------------|--------------------------|---------------------------|
| 1921 | 58 827 | 485 | \$ 1,563,696 | \$ 260,288,619 |
| 1925 | 65 385 | 509 | 1,481,890 | 239,350,281 |
| 1930 | 77 577 | 2 056 | 4,309,935 | 293,550,899 |
| 1935 | 81 261 | 651 | 676,535 | 199,411,079 |
| 1940 | 91 723 | 1 442 | 2,638,870 | 217,964,792 |
| 1941 | 93 924 | 1 937 | 3,422,925 | 265,023,348 |
| 1942 | 96 821 | 1 808 | 3,367,720 | 323,049,992 |
| 1943 | 105 536 | 2 654 | 6,720,130 | 433,430,208 |
| 1944 | 108 416 | 2 549 | 5,759,105 | 486,241,682 |
| 1945 | 111 745 | 3 161 | 7,938,348 | 519,306,233 |
| 1946 | 114 976 | 3 661 | 15,020,453 | 635,178,105 |
| 1947 | 118 541 | 2 805 | 13,182,665 | 699,452,974 |
| 1948 | 126 609 | 4 079 | 27,123,329 | 866,718,439 |
| 1949 | 137 469 | 5 792 | 40,050,063 | 1,020,493,676 |

(46) TRADING AREA

Edmonton's trading area consists of that part of Alberta lying north of township 37 between Castor and the B.C. boundary, and that part lying north of the Canadian Pacific Railway that connects Castor with Compeer on the Saskatchewan border. The trading area also includes the Peace River block in B.C., the Yukon and North West Territories. Edmonton is also a supply base for Alaska.

(47) TRADING AREA POPULATION

| | <u>1946 Census</u> | <u>Estimated
Present
Population</u> |
|------------------------|--------------------|---|
| Alberta | 478,487 | 526,335 |
| Peace River Block | 6,955 | 7,650 |
| Yukon | 8,000 | 8,800 |
| North West Territories | 16,000 | 17,600 |
| Total | 509,442 | 560,385 |

(47) Continued -

| | |
|---|-----------------|
| City of Edmonton Population June 30th, 1950 | 148,861 |
| Jasper Place Population Estimated June 30th, 1950 | 8,000 |
| Beverley " " June 30th, 1950 | 1,800 |
| Greater Edmonton Population | <u>158,661.</u> |

(48) DIRECTORY

There is a Directory, published by Henderson Directories Limited, 279 Garry Street, Winnipeg, which gives the names and occupation of all citizens and particulars of all business establishments.

(49) INTERESTING VIEWS OF EDMONTON AND DISTRICT

.. ..

.....

.....

.....

.....

.....

.....

.....

.....

APPENDIX

SURVEYS

COVERING THE
VILLAGE OF JASPER PLACE
AND THE
TOWN OF BEVERLY,
BOTH OF WHICH ARE
INCLUDED IN GREATER EDMONTON.

INDEX

VILLAGE OF JASPER PLACE 1950 SURVEY

Page No.

| | |
|----|--|
| 92 | Administration |
| 92 | Altitude |
| 93 | Areas |
| 95 | Churches |
| 95 | Communications |
| 96 | Co-operatives |
| 96 | Cultural Activities |
| 96 | Fairs |
| 95 | Financial Facilities |
| 93 | Fire Protection |
| 94 | Fuels |
| 92 | Geology |
| 94 | Government Offices and Services |
| 94 | Health Services |
| 96 | Historic Sites |
| 92 | History |
| 95 | Hotels |
| 97 | Industrial Development |
| 96 | Industries and Businesses |
| 92 | Living Conditions |
| 92 | Location |
| 95 | Lodges - Service Clubs - Societies |
| 95 | Newspapers |
| 97 | Population |
| 93 | Power |
| 94 | Professional and Skilled Personal Services |
| 92 | Rainfall |
| 94 | Resources - local |
| 93 | Roads |
| 95 | Schools |
| 93 | Sewer and Water Mains |
| 97 | Sites |
| 92 | Soil |
| 96 | Sports |
| 93 | Tax Structure |
| 92 | Temperature |
| 96 | Theatres and Halls |
| 95 | Tourist Camps |
| 97 | Trading Area |
| 95 | Transportation |
| 94 | Water |
| 96 | Youth Activities |

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

VILLAGE OF JASPER PLACE - AUGUST 1950

Legend: (a) Same as City of Edmonton.
(b) Uses the City of Edmonton's facilities.

(1) LOCATION

The village of Jasper Place lies astride the Jasper Highway (No. 16) on the west boundary of the City of Edmonton.

(2) ALTITUDE (a)

(3) TEMPERATURE (a)

(4) RAINFALL (a)

(5) GEOLOGY (a)

(6) SOIL (a)

(7) HISTORY

This community was established by people who wanted to build homes where they would not be restricted by the city building by-laws and regulations.

The community was erected as a village on January 1st., 1950 with Mr. James M. Stone as the first overseer (Mayor).

Previous to January 1st, 1950, the community was part of the Stony Plain Municipal District No. 84.

(8) LIVING CONDITIONS (a) and (b)

Houses are of the frame type from one to six rooms that rent for \$25 to \$65 per month. About 85% are owner occupied.

Number of Houses built in 1949 - 262
Total Number of Houses as at January 1st, 1950 - 1,788
Number of Houses built during 1950 to July 1st. - 93
Building permits issued during 1950 to August 1st - 225

(9) ADMINISTRATION

The village is governed by three councillors, who appoint one of their members as overseer (mayor). The councillors are elected by popular vote: the one receiving the most votes is elected for three years; the one receiving the second highest vote is elected for two years; and the next highest vote is elected for one year. The village affairs are administered by a secretary-treasurer who carries out the policy set by the council. The secretary-treasurer and his staff are housed in a new 30' x 60' one story frame and stucco brick building, with full cement basement. The basement houses the police office, prisoners cells, and other offices.

(10) LAW ENFORCEMENT AND REGULATIONS

The village employs three full time policemen, including the chief. There are no definite building regulations. However, plans for new buildings or alterations must be submitted to the building inspector for his approval.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in \mathbb{R}$.

2. In the second part we shall prove that the function $f(x)$ is strictly increasing on \mathbb{R} .

3.

4.

5. The third part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in \mathbb{R}$.

6. In the fourth part we shall prove that the function $g(x)$ is strictly increasing on \mathbb{R} .

7.

8. The fifth part of the paper is devoted to the study of the properties of the function $h(x)$ defined by the equation

$$h(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in \mathbb{R}$.

9.

10.

11.

12.

13. The sixth part of the paper is devoted to the study of the properties of the function $i(x)$ defined by the equation

$$i(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in \mathbb{R}$.

14.

15.

16.

17.

18.

19. The seventh part of the paper is devoted to the study of the properties of the function $j(x)$ defined by the equation

$$j(x) = \int_0^x \frac{1}{1+t^2} dt$$

for $x \in \mathbb{R}$.

20.

21.

22.

23.

24.

25.

26.

27.

28.

29.

30.

31.

32.

33.

34.

35.

36.

37.

38.

Electrical installations must comply with the Alberta Electrical Protection Act.

Sanitary installations must comply with the provincial health regulations.

(11) FIRE PROTECTION (b)

(12) TAX STRUCTURE

Assessment value

Land 100% of actual value
Buildings 66 2/3 actual value
Business tax on sq. ft. basis, or gallonage if storage tanks are involved.

| <u>Net Assessment 1949</u> | <u>Consolidated Mill Rate</u> |
|-----------------------------------|-------------------------------|
| Land and Improvements \$1,330,840 | 68 mills |
| Business Tax 59,600 | |
| <hr/> | |
| Total Net Assessment \$1,390,440 | |
| <hr/> | |

(13) AREAS

| | <u>Acres</u> |
|-----------------|--------------|
| Area of Village | 4,000 |
| Area of Parks | 6 |

| | <u>Total Miles</u> | <u>Paved</u> | <u>Gravelled</u> |
|-------------------------|--------------------|--------------|------------------|
| Provincial Highways | 1½ | 1½ | - |
| Local Roads and Streets | 52 | - | 17 |
| Public Lanes and Alleys | 26 | - | 1 |

(14) SEWER AND WATER MAINS

Nil.

(15) POWER

Three phase 60 cycle power is supplied by the Calgary Power Company.

Rates:

Domestic - \$2 per month for the first 20 KWH
and all over 20 KWH 1½¢ per KWH

Commercial \$2 for the first 500 watts installed
capacity up to and including 20 KWH;
and \$1.50 for each additional 250 watts
up to an additional 15 KWH in excess of
this is 2¢ per KWH.

Power - \$3 per KVA installed capacity up to and including 30 KWH; then 2¢ per KWH for the next 170 KWH; and 1½¢ per KWH for all over 200 KWH.

(16) WATER

Water is obtained from Edmonton's fire hydrants, and delivered by five tanks. Each tank holds 1,000 gallons and is sold for 25¢ per barrel or \$2.25 per tank.

(17) FUELS

Gas - Natural (a)

(18) L.P. GAS

(b)

(19) DIESEL FUEL

(b)

(20) COAL

(a)

(21) LOCAL RESOURCES

(a)

(22) GOVERNMENT OFFICES AND SERVICES

Federal

Post Office

Provincial

Nil

Municipal

Town Office

Secretary-Treasurer

Police Office

(23) HEALTH SERVICES

(b)

1 Physician

1 Chiropractor

1 Drug Store

There is one garbage truck with four men; garbage is collected weekly on business property, and every three weeks in residential areas.

(24) PROFESSIONAL AND SKILLED PERSONAL SERVICES

(not including health services)

Beauty Parlors.....2

Barber Shops.....4

Shoe Repairs.....1

Watch Repairs.....1

(25) TRANSPORTATION

Diamond Bus Lines provide service between Jasper Place and the Union Bus Depot on 102 Street and 102 Avenue in Edmonton. Greyhound Bus route - Edmonton to Jasper
Taxi Stands 2 - Cabs - 6.

(26) NEWSPAPERS

Jasper Place Review (weekly)
(b)

(27) COMMUNICATIONS

Alberta Government Telephones
City of Edmonton Telephones
North Edmonton Farmers Mutual Telephone Company
Post Office

(28) FINANCIAL FACILITIES

(b)

(29) HOTELS

Nil

(30) TOURIST CAMPS

| | <u>No. Units</u> | <u>Single Rates</u> |
|-----------------------|------------------|---------------------|
| Clock Auto Court | 25 | \$5.00 up |
| Twin Birch Auto Court | 12 | \$7.00 up |
| Stone's Auto Court | 4 | \$6.00 up |
| Westlawn Cabins | 8 | \$5.50 up |

(31) CHURCHES

(b)

Church of God
Church of God Incorporated
Gospel Tabernacle

(32) LODGES

(b)

(33) SERVICE CLUBS

Lions (b)

(34) SOCIETIES

(b)

(35) EDUCATION

The West Jasper Place School District No. 4679 is governed by a school board consisting of five members, who are elected by popular vote for a three year term; two are elected one year, two the next year and one the following year.

There are five school buildings that house the Junior Intermediate and High School classes, where grades one to twelve are taught to 1,100 students by 33 teachers.

Average Cost per Student 1949-50 \$84

(36) THEATRES AND HALLS

| <u>Movies</u> | <u>Capacity</u> | <u>Stage</u> | <u>Piano</u> |
|-------------------|-----------------|--------------|--------------|
| Tivoli | 350 | yes | no |
| Drive-In Starlite | 650 cars | yes | no |

(37) CULTURAL ACTIVITIES

(b)

(38) YOUTH ACTIVITIES

Boy Scouts (b)

(39) SPORTS

Two Saddle Clubs (b)

(40) FAIRS

Nil

(41) HISTORIC SITES

Nil

(42) CO-OPERATIVES

North Edmonton Farmers Mutual Telephone Company

(43) INDUSTRIES AND BUSINESSES

| <u>Type of Business</u> | <u>Number of Establishments</u> | <u>Producer or Manufacturer</u> | <u>Whole-Sale</u> | <u>Re-tail.</u> |
|-----------------------------------|---------------------------------|---------------------------------|-------------------|-----------------|
| Auto Parts and Accessories... | 2 | ..... | ..... | 2 |
| Auto Repairs..... | 4 | ..... | ..... | ..... |
| Bakeries..... | 2 |2..... | ..... | 2 |
| Barber Shops..... | 4 | ..... | ..... | ..... |
| Beauty Parlors..... | 2 | ..... | ..... | ..... |
| Blacksmiths Shops..... | 2 | ..... | ..... | ..... |
| Building Contractors..... | 6 | ..... | ..... | ..... |
| Building Supplies..... | 2 | ..... | ..... | 2 |
| Cartage and Delivery..... | 1 | ..... | ..... | ..... |
| Drug Stores..... | 1 | ..... | ..... | 1 |
| Electric Appliances..... | 1 | ..... | ..... | 1 |
| Electric Contractors..... | 2 | ..... | ..... | ..... |
| Furniture Stores..... | 1 | ..... | ..... | 1 |
| Garages and Service Stations..... | 6 | ..... | ..... | 1 |
| Grocery and Groceries..... | 11 | ..... | ..... | 11 |
| Hardware..... | 2 | ..... | ..... | 2 |
| Harness and Saddlery..... | 1 | ..... | ..... | 1 |
| Laundries..... | 1 | ..... | ..... | 1 |
| Lumber Companies..... | 2 |1..... | 1..... | 2 |
| Meat Markets..... | 3 | ..... | ..... | 3 |
| Motion Picture Theatres..... | 2 | ..... | ..... | ..... |
| Welders..... | 1 | ..... | ..... | 1 |
| Newspapers..... | 1 | ..... | ..... | 1 |
| Novelties..... | 1 | ..... | ..... | 1 |
| Painters and Decorators..... | 1 | ..... | ..... | 1 |
| Photographers..... | 1 | ..... | ..... | 1 |
| Plumbers and Gasfitters..... | 4 | ..... | ..... | 1 |
| Pool Halls and Bowling Alleys | 1 | ..... | ..... | ..... |

Industries and Businesses - Continued

| <u>Type of Business</u> | <u>Number of Establishments</u> | <u>Producer or Manufacturer</u> | <u>Whole-Sale</u> | <u>Re-tail</u> |
|------------------------------|---------------------------------|---------------------------------|-------------------|----------------|
| Printers..... | 1..... | ..... | ..... | 1 |
| Restaurants..... | 3..... | ..... | ..... | 1 |
| Tourist Camps..... | 4..... | ..... | ..... | ..... |
| Toy Manufacturers..... | 1..... | 1..... | 1..... | ..... |
| Trucking Services..... | 1..... | ..... | ..... | ..... |
| Water Delivery..... | 1..... | ..... | ..... | 1 |
| Woodworking (Furniture)..... | 1..... | ..... | ..... | 1 |

(44) SITES

Building sites are available served with gas and electricity, and four blocks are set aside for industries, but there is no railway within the town limits.

(45) INDUSTRIAL DEVELOPMENT

(b)

(46) TRADING AREA

Town residents

(47) POPULATION

Estimated 8,000

1. The first part of the paper is devoted to a general discussion of the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters α and β .

2. In the second part of the paper the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that for arbitrary values of the parameters α and β there exists a unique solution of the system of equations (1) in the class of functions which are continuous and have continuous first derivatives.

REFERENCES

1. A. M. Ljapunov, *Trudy*

INDEX

TOWN OF BEVERLY 1950 SURVEY

| <u>Page</u> | |
|-------------|--|
| 100-99 | Administration |
| -99 | Altitude |
| -100 | Areas |
| -103 | Churches |
| -102 | Communications |
| -104 | Co-operatives |
| -103 | Cultural Activities |
| -104 | Fairs |
| -102 | Financial Facilities |
| -100 | Fire Protection |
| -101 | Fuels |
| -99 | Geology |
| -102 | Government Offices and Services |
| -102 | Health Services |
| -104 | Historical Sites |
| -99 | History |
| -102 | Hotels |
| -104 | Industrial Development |
| -104 | Industries and Businesses |
| -99 | Living Conditions |
| -99 | Location |
| -103 | Lodges - Service Clubs - Societies |
| -102 | Newspapers |
| -104 | Population |
| -101 | Power |
| -102 | Professional and Skilled Personal Services |
| -99 | Rainfall |
| -101 | Resources - local |
| -100 | Roads |
| -103 | Schools |
| -101 | Sewer and Water Mains |
| -104 | Sites |
| -99 | Soil |
| -104 | Sports |
| -100 | Tax Structure |
| -99 | Temperature |
| -103 | Theatres and Halls |
| -102 | Tourist Camps |
| -104 | Trading Area |
| -102 | Transportation |
| -101 | Water |
| -103 | Youth Activities |

TOWN OF BEVERLY - AUGUST 1950

Legend: (a) Same as Edmonton
(b) Makes use of Edmonton facilities.

(1) LOCATION

On the east boundary of the City of Edmonton, immediately north of the North Saskatchewan River.

(2) ALTITUDE

(a)

(3) TEMPERATURE

(a)

(4) RAINFALL

(a)

(5) GEOLOGY

(a)

(6) SOIL

(a)

(7) HISTORY

Beverly was established as a village May 22nd, 1913, with Mr. G. C. Bergman as the first overseer; and incorporated as a town August 5th, 1914, with Mr. Bergman as the first mayor. Previous to being established as a village, the community was part of Sturgeon Municipal District No. 548.

This community was first established when the Humberstone Mine was opened in 1896. Later, persons employed in Edmonton built homes in Beverly in order to evade the restrictions imposed by the city's building regulations.

The town was named after Beverly, Yorkshire, England; which was the former home of R. R. Jamison, who was general superintendent of the C.P.R. in Calgary at that time.

(8) LIVING CONDITIONS

Residences vary from one to five room frame structures. There are 450 houses; sixty houses were built in 1949. Rents vary from \$15 to \$65 per month. About 95% of houses are owner occupied. The soil is excellent for gardening. The only utilities are electric power and gas mains are now being installed. Excepting the schools and the movie theatre, the residents make use of the Edmonton facilities for their recreation, entertainment and cultural activities.

(9) ADMINISTRATION

The town is governed by a mayor and six councillors. The mayor is elected by popular vote every two years, and two councillors are elected each year for a term of three years.

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

The town's affairs are administered by a secretary-treasurer who carries out the policy set by the council.

The town hall is a one storey frame building that houses the secretary-treasurer, police office, fire hall and council chamber.

(10) LAW ENFORCEMENT AND REGULATIONS

The town employs one policeman full time, and one deputy policeman part-time. The town policeman also acts as fire chief.

The Provincial Town Planning Code is used for the building code. However, before any new building or alterations are commenced, plans must be submitted to the council's town planning committee for their approval.

Electrical installation must conform to the requirements of the Alberta Electrical Protection Act.

Sanitary installations must conform to the provincial health regulations

(11) FIRE PROTECTION

The town policeman acts as full time fire chief.

There is an agreement whereby Edmonton's fire fighting facilities are available when necessary.

Equipment

$\frac{1}{2}$ ton Dodge truck with 2 - 45 gal. chemical tanks.

(12) TAX STRUCTURE

Assessment Values

Land 100% of actual value
Building 70% of actual value
Business tax - sq. ft. basis.

Net Assessment 1949

| | |
|--------------|---------------|
| Land | \$ 256,487.00 |
| Improvements | 265,109.00 |
| Business | 7,650.00 |

| | |
|-------|---------------|
| Total | \$ 529,246.00 |
|-------|---------------|

Mill Rate

| | |
|-----------|----------|
| Municipal | 24 mills |
| Schools | 29 mills |

| | |
|-------|----------|
| Total | 53 mills |
|-------|----------|

(13) AREAS

| | |
|------------------------------|-------------------|
| Area of Town | 800 acres |
| Streets and Lanes | 25 miles |
| Public Parks and Playgrounds | 11 acres |
| Roads and Streets | 7 miles gravelled |
| Public Lanes | Dirt |

(14) SEWER AND WATER MAINS

Nil

(15) POWER

Three phase 60 cycle power is supplied by the Calgary Power Company.

Rates:

Domestic - \$2.50 per month for the first 20 KWH
and all over 20 KWH 1½¢ per KWH.

Commercial - \$2.50 for the first 500 watts installed
capacity up to and including 20 KWH; and
\$1.50 for each additional 250 watts up to
an additional 15 KWH in excess of this is
2¢ per KWH.

Power - \$3 per KVA installed capacity up to and
including 30 KWH; then 2¢ per KWH for the
next 170 KWH; and then 1½¢ per KWH for
all over 200 KWH.

(16) WATER

Water is obtained from Edmonton's fire hydrants, and
delivered by two tanks. Each tank holds 18 barrels and the
cost per tank is \$3 or 40¢ per barrel.

(17) FUELS

Gas - Natural
(a)

(18) L.P. GAS

(b)

(19) DIESEL FUEL

(b)

(20) COAL

The Beverly Coal Mine, located within the town limits
provides sub-bituminous coal with a calorific value of
8610 b.t.u. per lb.

| <u>Lump</u> | <u>Nut</u> | <u>Slack</u> |
|----------------|----------------|----------------|
| \$7.35 per ton | \$4.40 per ton | \$2.00 per ton |

(21) LOCAL RESOURCES

Coal - Sub-bituminous
Sand and gravel
Garden produce
Poultry, eggs, etc.
Dairy produce

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

— 100 —

(22) GOVERNMENT OFFICES AND SERVICES

Federal

Post Office

Provincial

Rural Health Unit

Municipal

Town Office

Secretary-treasurer

Town Police

Town Fire Chief

(23) HEALTH SERVICES

1 Doctor - Employed by Town part-time

1 Nurse - Rural Health Unit

1 Sanitary Inspector - Rural Health Unit

(b)

There is one garbage truck with four men. Garbage is collected twice each month.

(24) PROFESSIONAL AND SKILLED PERSONAL SERVICES

(not including health services)

2 Accountants

1 Barber Shop

(b)

(25) TRANSPORTATION

Beverly Bus Lines Limited, with five busses, operate 31 trips on week days and 39 trips on Saturdays between Beverly and the centre of the city.

Taxi Stands - 2 and 2 cabs.

(26) NEWSPAPERS

(a)

(27) COMMUNICATIONS

Edmonton City Telephones

Alberta Government Telephones

Post Office

(28) FINANCIAL FACILITIES

(b)

(29) HOTELS

No. of Rooms

Single Rate

Licensed
to sell
Beer

Drake Hotel

19

\$2 per day
\$35 per month

yes

(30) TOURIST CAMPS

Nil

(31) CHURCHES

United Church
Roman Catholic Church
Four Square Church

(32) LODGES (b)

UNIONS (b)

(33) SERVICE CLUBS (b)

SOCIAL SERVICES (b)

(34) SOCIETIES (b)

ASSOCIATIONS (b)

(35) EDUCATION

Beverly School District No. 2292 is governed by a school board consisting of five members who are elected by popular vote for a two year term. Three are elected one year and two the next year.

There are three public schools that accommodate eleven elementary and intermediate classes, that teach grades one to eight. There are 442 pupils and eleven teachers. High School students attend the city schools and the town pays to the city school board \$150 for each pupil. Operating expenses 1949 - \$28,753.
Average cost per pupil \$65

(36) THEATRES

| | <u>Type</u> | <u>Capacity</u> | <u>Stage</u> | <u>Piano</u> |
|------------------------------|-------------|-----------------|--------------|--------------|
| Avalon | Movie | 435 | yes | yes |
| <u>Halls</u> | | | | |
| National Slovak Society Hall | | 300 | yes | yes |
| Dine and Dance Hall | | 320 | no | no |

(37) CULTURAL ACTIVITIES (b)

Beverly Public Library with 700 volumes.
The library is located in the basement of the brick school. It is supported by the town and grants from the Provincial Government, and is open Wednesday evenings from 7 p.m. to 9 p.m. The secretary-treasurer acts as librarian.

(38) YOUTH ACTIVITIES

(b)

(39) SPORTS

Beverly Athletic Club
Baseball Club - Seniors.
(b)

(40) FAIRS

(b)

(41) HISTORICAL SITES

Nil

(42) CO-OPERATIVES

Nil

(43) TYPE OF BUSINESS AND INDUSTRY

| <u>Type of Business</u> | <u>Number of Establishments</u> | <u>Producer or Manufacturer</u> | <u>Whole-Sale</u> | <u>Re-tail</u> |
|---------------------------------|---------------------------------|---------------------------------|-------------------|----------------|
| Auto, Garage and Service..... | 1 | ..... | - | .....1 |
| Bicycle Sales and Services..... | 1 | ..... | - | .....1 |
| Bus Transportation..... | 1 | ..... | - | .....- |
| Cafes..... | 2 | ..... | - | .....2 |
| Dine and Dance..... | 1 | ..... | - | .....1 |
| Dog Kennels..... | 1 | ..... | - | .....- |
| General Stores..... | 6 | ..... | - | .....6 |
| Hotels..... | 1 | ..... | - | .....1 |
| Market Gardeners..... | 1 | 1 | 1 |1 |
| Taxi Stands..... | 2 | ..... | - | .....- |
| Tailor..... | 1 | ..... | - | .....1 |
| Theatre - Movies..... | 1 | ..... | - | .....- |
| Woodworking Shop..... | 2 | 2 | - |2 |

(44) SITES

About 45% of the Town area is occupied.

(45) INDUSTRIAL DEVELOPMENT

There is the Beverly Mine that produces sub-bituminous coal, and employs about 35 persons. This mine produced 25,130 tons of coal during 1949. On the eastern boundary of the townsite, work has commenced on the site of a pulp and paper mill, estimated to cost \$10,000,000.

(46) TRADING AREA

Town residents

(47) POPULATION - 1946 census - 1171 - 1950 estimated - 1800

Date Due

[illegible]

HC 118 E24 A33
ALBERTA INDUSTRIAL DEVELOPMENT
BRANCH

ECONOMIC SURVEY CITY OF
39452350 EDUC



000008445264

HC 118 E24 A33
Alberta. Industry Development
Branch.

Alberta. Industrial
0357823B EDUC

EDUCATION LIBRARY

EDUCATION LIBRARY

C2212